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Established in
ENGLAND - - 1859
AUSTRALASIA 1885

Registered as a Newspaper and
PUBLISHED WEEKLY AT
42 CANNON ST., LONDON, E.C.4

Telephone: 3617 CENTRAL (3 lines)
Telegrams: CHEMICUS, CANNON, LONDON (*charged as two words only*).

No. 2,079. Vol. XCI.

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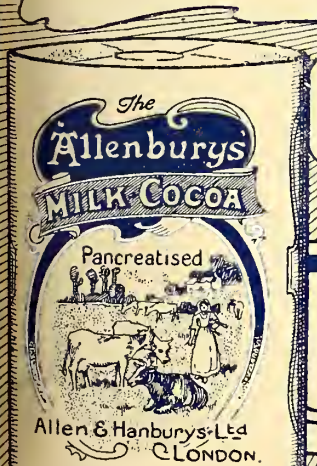
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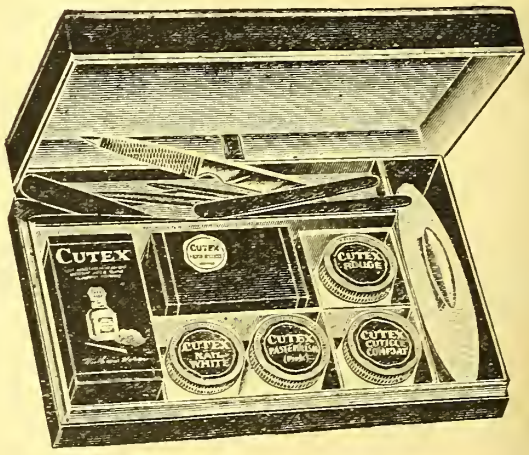
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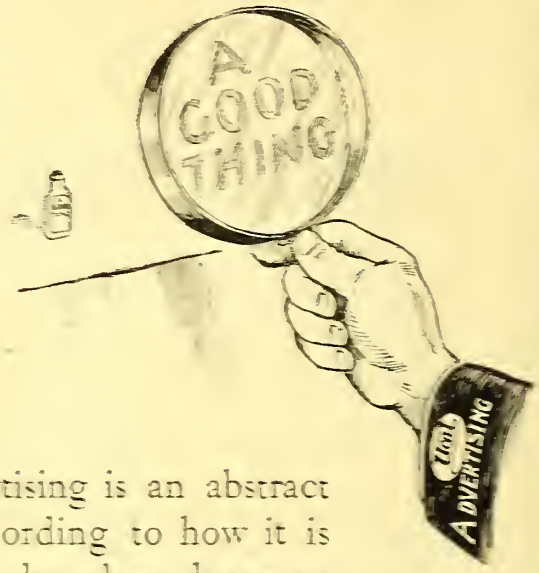
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MAARSSEN

QUININE and QUININE SALTS.

Unexcelled in Uniformity of Quality,
Brilliant Crystallisation and Purity of Colour.

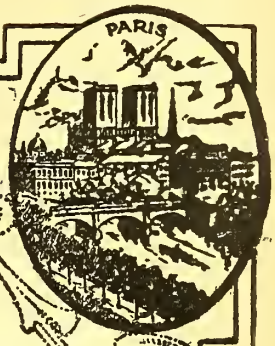
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Thames House, Queen Street Place,
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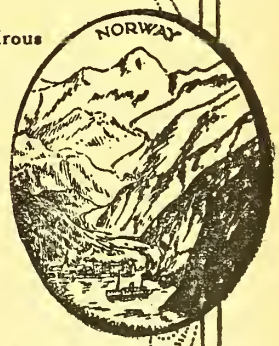


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Bromides
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Chloral Hydrate
Cinchonine and Salts
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Citric Acid
Cocain
Creosote Carbonate
Eucalyptus Oil
Gallic Acid
Glycerophosphates
Guaiacol Carbonate
Hexamine
Homatropine
Hydroquinone
Ichthyol Substitute
Kelene
Lemon Oil
Lithia Carbonate
Lecithin
Menthol
Mercurials
Methylene Blue Medicinal
Methyl Salicylate
Metol
Paraldehyde
Peppermint Oil
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Phenacetin
Phenazone
Phenolphthalein
Potash Sulpho-Guaiacolate
Pyrogallic Acid
Quinidine and Salts
Quinine and Salts
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Quinoidine
Resorcin
Saccharin
Salicylic Acid
Salicylate of Soda
Salol
Soda Benzoate
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Tartaric Acid
Terpineol
Terpine Hydrate
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Vanillin



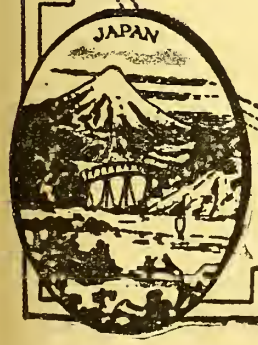


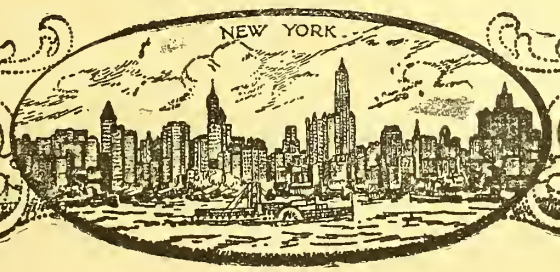
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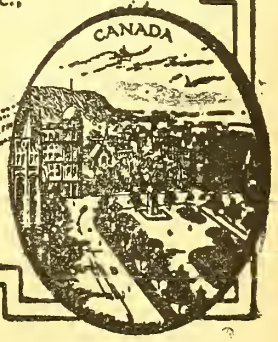
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78, Front Street.







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THE LYONS FAIR is to-day's greatest opportunity for trade expansion in every industry and with every market throughout the World. It is not an Exhibition, but a purely business gathering of progressive men and their customers.

The business propensities of the Lyons Fair are indicated by the fact that at the March, 1919, Fair, 4,700 exhibitors transacted business to the value of £40,000,000. Lay the foundation of a permanently expanding wo ld-wide trade (buying and selling) by taking immediate steps to secure a Stand in Sections 11, 12 and 13 for Chemicals and Drugs.

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For particulars apply to Mr. J. A. VICTOR, 31 (P) Budge Row, LONDON, E.C.4





JOHN BULL

National Window-Dressing Competition.

1st Prize - 200 guineas
2nd ,, 100 ,,
3rd ,, 50 ,,
50 prizes of 1 guinea each.

500 Diplomas of Special Merit.

Designed by Garth Jones.

There's Money in your Window—

"John Bull" is offering £420 in Prizes and 500 Diplomas of Merit for Window Displays of any articles advertised in its pages between now and December 31, 1919.

There are no complicated conditions.

All you have to do is:

1. To select an article advertised in "John Bull" between now and December 31, and display it in your window for one week.
2. To send a photograph of the display to:

"JOHN BULL,"
Window-Dressing Competition
(Dept. C. 9),
90 Long Acre, London, W.C. 2.

Every Competitor, whether large or small, stands an equal chance of winning a prize.

Any photograph will do as long as it conveys the idea.

You need not necessarily devote the whole window to the display—make the best show you can in the most space you can spare.

You may enter for the competition as often as you like, provided each display is for one article only. If you pride yourself on your ability to dress a window, here is an opportunity to show your skill and also to win a prize. Send to-day for full particulars, together with a helpful article on the "Art of Window Dressing."

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SAVE 3/- PER GALLON

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GUARANTEED GENUINE

NEWFOUNDLAND NON-FREEZING MEDICINAL COD LIVER OIL

OF NEW SEASON'S MAKE.

Highest possible quality in smell, taste and colour, comparing most favourably with the finest Norwegian. Manufactured from the finest fresh Cod Liver on same day as fish caught.

WHOLESALE ONLY.

Kindly write for sample to

JOB BROS., Manufacturers, Tower Building, LIVERPOOL.

Telegraphic Address: "JOB LIVERPOOL." Tel. 1039 CENTRAL.

And of ST. JOHN'S, N.F. Established 1780.

"John Bull"



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IS THE BEST!!!

Wholesale & Export Only.

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By direction of the Disposal Board

AIRCRAFT DISPOSAL DEPARTMENT

MINISTRY OF MUNITIONS.

IMPORTANT.

PLEASE NOTE CHANGE OF ADDRESS from YORK HOUSE, KINGSWAY, to

EARL'S COURT.

AEROPLANE DOPE

For Sale by Public Tender.

The following quantities of AEROPLANE DOPE are available for disposal:

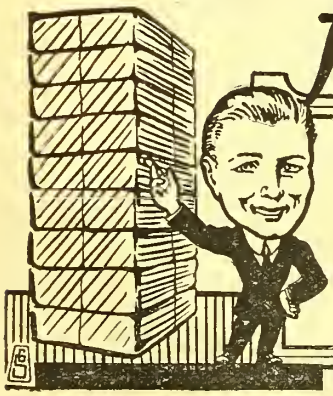
18,292 gallons Cellulose Acetate Dope — **1,834 gallons Mixed Dope**
7,252 gallons Nitro Cellulose Dope — **6,000 gallons S.33 Dope Solvent**

The material is located at Coventry, Sheffield, Liverpool, Hendon, and Farnborough, where it can be inspected in bulk. Tenders are invited for the whole or part thereof.

All inquiries for information and tender forms should be addressed to:

THE CONTROLLER, AIRCRAFT DISPOSAL DEPARTMENT, WELCOME CLUB, EARL'S COURT.
Nearest Station—West Kensington—District. Telephone—Western 4950. Telegrams—"Clearhouse, Aerosupply, London."

NOTE—For further particulars of other Government Property for Sale see **"SURPLUS."** price 3d., at all Bookstalls; or by Quarterly Subscription of 2/-, post free, payable in advance to the Director of Publicity, Ministry of Munitions, Whitehall Place, London, S.W.1.



for Immediate Sale—To Clear.

Brown Paper

A Limited Quantity.

Samples, Prices. **CHAS. BRODIE & CO. Ltd.**
46-47 GREAT SUTTON STREET, E.C. 1.



OAKEY'S
"WELLINGTON"
KNIFE POLISH

The original and only reliable preparation for Cleaning and Polishing Cutlery, &c.

In Canisters, 1d., 2d., 3d., 6d., 1s., 2s. 6d., and 4s. each.

JOHN OAKEY & SONS, Lim.
MANUFACTURERS OF
Emery Cloth, Black Lead
GLASS PAPER, &c.

"WELLINGTON" KNIFE POLISH
The Original Preparation for Cleaning Cutlery, Canisters, 1d., 2d., 3d., 6d., 1s., 2s. 6d., and 4s. each.

SILVERSMITHS' SOAP
For Cleaning & Polishing Silver, Electro-Plate, etc. Tablets, 6d.

"WELLINGTON" BLACK LEAD
In Solid Blocks, 1d., 2d., and 4d. each, and 1s. Boxes.

Polishing Paste, Furniture Polish, Plate Powder, Rouge, Urn Powder, Steel Polish, Crocus, Tripoli, Brunswick Black.

Westminster Bridge Road, LONDON, S.E. 1.

Maw's Page

NUMBER 424 ;
NOV. 29, 1919

S. MAW, SON & SONS, LTD 7/12, ALDERSGATE ST. LONDON, E.C.1.

Business Assistance

The glorious summer has gone, and we hear a great deal from wives concerning husbands who remained behind the counters whilst the family were holidaymaking.

How many times are we reminded that "You are a slave to business," that "You live to work" and not "Work to live."

The average woman—of course there are many exceptions—overlooks the fact that business cannot be maintained by "leaving it" as she so easily advises.

True, business can be "left" *sometimes*, but that is generally when it is soundly organised, and an organised business is a matter of years.

While the process of building a business is going on a partner might be of greater help to him if she tried to get an intelligent conception of what he is trying to do and aid him with her invaluable intuition—than merely suggesting his "leaving" it.

"But my husband will not talk over his business with me" is the complaint of many. One reason why men prefer not to talk over their business with their wives is because those fair ladies in general haven't the first glimmer of an understanding of business principles. It isn't that a man doesn't want to talk his problems over with his wife. Who wouldn't gladly do so if he felt he would get anywhere if he did?

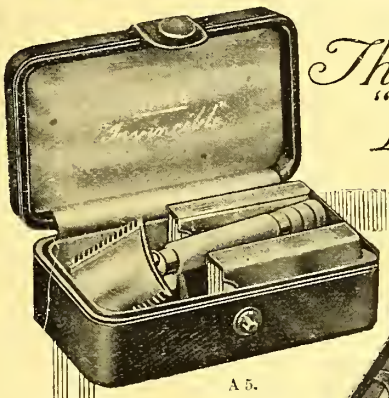
But the average wife's idea seems to be that business is "sordid," that it is something she should shun.

What the business man of to-day wants is an intelligent understanding of his business on the part of his partner, the encouragement to "discuss things," assured that her woman's intuition will enable him to see new visions.

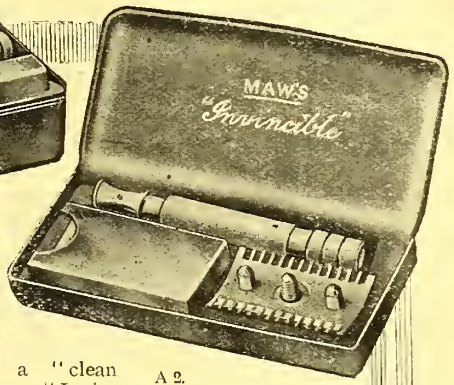
The above is an analogous instance of business assistance which the successful business man is in search of.

Discus

The IMPROVED "INVINCIBLE"



A 5.



A 2.

Toilet Accessories always find favour, and the discriminating man appreciates as much as ever a "clean shave." The famous "Invincible" Safety, improved by the fitting of a curved blade holder, has now been revised both in style and price. The four examples illustrated upon this page are fitted with silver-plated handles, and can be recommended for extreme value with confidence.

A 1.—In solid leather case, with 12 blades and two metal boxes for same. Price 6/6 each, or 75/- per dozen.

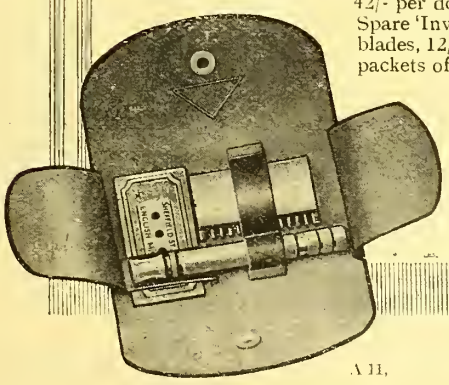
A 2.—In flat metal case, leather-covered, with six blades in metal box. Price 4/6 each, or 51/- per dozen.

A 3.—As A 1. The original pattern Safety Razor with top plate fixed to stem. In solid leather case, with six blades and two metal boxes. Price 6/- each, or 67/- per dozen.

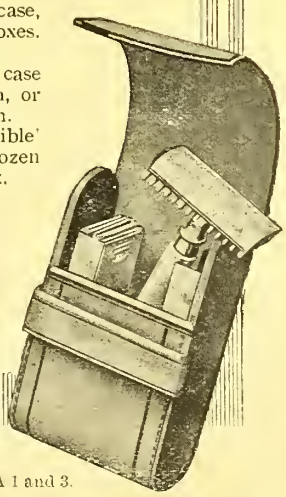
A 5.—In square leather-covered case, with 12 blades and two metal boxes. Price 7/- each, or 80/- per dozen.

A 11.—In flat fold-over leather case with three blades. Price 3/9 each, or 42/- per dozen.

Spare 'Invincible' blades, 12/6 dozen packets of six.



A 11.



A 1 and 3.

Four Splendid Lines !!!

"HELLIER'S" EXQUISITE

BEST 1/- LINES ON THE MARKET. **PERFUMES**

In eight Popular Odours, assorted only—cannot select.

2920. ½-oz. round cannon, corked and capped 8/- doz., gross lots 90/-. 2923. ½-oz. flat oval, corked and capped ... £/6 doz., gross lots 96/-
2921. ½-oz fluted, pear shape ,, ,, 8/6 ,, ,, 96/- 2922. ⅝ oz. flat taper, very pretty, corked and capped 9/- ,, ,, 102/

TERMS: 5% cash seven days; 2½% monthly account (references required for new accounts.)

Carriage paid on orders of £5 and upwards. Boxes at or under cost.

Quantities of Bottles limited. *Order at once.*

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Lieti fiori, e felici e ben nate erbe

FRAGRANCE of Italy.

Oils of

Bergamot 33/39% Pure
Lemon B.P.
Natural Sicilian Neroli.
Orange, Sweet or Bitter.
etc. etc.

Let us send our Weekly Quotation

G. W. SPARKE.

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and

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KEEPS AWAY MOTH. LASTING & FRAGRANT.

PERFUME BRICK

FOR LINEN CUPBOARD AND WARDROBE.

Retail Price, **6d.**

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AND ALL WHOLESALERS.



LES PARFVMS DE ROSINE

FACTS and FIGURES!

Extracts from 2 Recent Letters

"Many thanks for goods received. They are all very nice and I shall probably require a lot more shortly."

"Cologne to hand, we are pleased with it. . . . Just repeat order, and send at same time following other lines. . . ."

Extract from 2 Retail Accounts

July	24	To goods	£1 17 8	Aug.	8	To goods	£67 11 0
Aug.	27	,,	8 13 0	,,	8	,,	2 0 0
Sept.	20	,,	10 17 6	Sept.	16	,,	12 5 0
,,	20	,,	1 5 0	,,	16	,,	1 5 0
Oct.	10	,,	2 17 8	Oct.	15	,,	2 19 0
,,	10	,,	8 11 0	,,	22	,,	58 16 0
Nov.	7	,,	18 18 0				
,,	12	,,	2 0 0				
,,	12	,,	7 2 0				

SUGGESTED ORDER

most Chemists could profitably dispose of this Xmas.

6 Poudre in chintz boxes, small flat @ 5/9		£1 14 6
6 ,, ,, ,, dome @ 7/6		2 5 0
6 Mouchoir de Rosine ...	... @ 17/6	5 5 0
3 Le Minaret	... @ 27/6	4 2 6
2 Nuit de Chine	... @ 28/6	2 17 0
2 Chez Poiret	... @ 28/6	2 17 0
		19 1 0
Carr. paid with test samples and showcards.	Less 33⅓ %	6 7 0
	Net	12 14 0

Above illustrates Rosine—Les Fleurs. Violette, Rose, Muguet, Lilas, etc.
Small, in cartons, 17/6; large, in cartons, 25/-
Less 33⅓ %.

W. H. CALNAN & COMPANY
30-32 Ludgate Hill - LONDON, E.C. 4.

The PREMIER PERFUMERY

CO., LTD.

61-62 Chancery Lane, London, W.C.2.

We have the finest stock ready for delivery of

Perfumes
Toilet Preparations
Face Creams
Face Powders
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Over a hundred lines made from the very best materials and showing large profits to retailer.

Write for Wholesale Price List.

Teleg. & Cables: "Saddletree, Holb., London."
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THE name Zenobia is so intimately associated with perfection in perfumery, that the buying public eagerly welcome the Toilet Preparations also manufactured by the firm of Zenobia, Ltd. Chemists will find that the name

ZENOBIA

alone is sufficient to ensure ready sales, while the pleasure found in the use of Zenobia Specialities in its turn ensures satisfied customers. We particularly recommend

ZENOBIA BRILLANTINES.	ZENOBIA TOILET POWDERS.
-/9d. size.....6/9 per doz.	1/3 size.....10/6 per doz.
1/6 ,, ... 13/6 ,, ,,	2/9 ,, ...24/- ,, ,,
2/6 ,, ... 22/6 ,, ,,	-/7½d. Poudre Orientale. 5/6 per doz.

Subject to usual discount.

A complete Catalogue will be forwarded on application to—

ZENOBIA LTD., Loughborough, ENGLAND

POLAK & SCHWARZ LTD.

ESSENCES.

ESSENTIAL OILS.

AROMATIC CHEMICALS.

FLOWER OILS.

SYNTHETICS.

ZAANDAM. HOLLAND.

BOIS-COLOMBES FRANCE.

PAGE 16 AYRTONS

Either or both

of these well-packed lines should be sold with every bottle of Cough or Influenza Mixture!

The
C·E·M Inhaler
gives instant relief.

One of these handy little contrivances should be sold with each bottle of Cough or Cold and Influenza Mixture.

ONE DOZEN ON A CARD.
Per dozen - - **4/9**



Breath of the Pine

A combination of Eucalyptus, Pine, and Essential Oil of Camphor.

Useful for internal treatment and also to medicate inhalers.

Very smartly packed in vials and cartons, and showcard as illustration.

NAME & ADDRESS ON THREE DOZEN AND UPWARDS.

Per dozen - - **6/9**
Per gross - - **79/-**



This page illustrates the one-sale-more policy!

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ADEPS LANÆ, P.B.

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IS MANUFACTURED BY

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WHO INVITE INQUIRIES.

BRITISH-MADE

LANZONE

Adeps Lanæ B.P. Odourless Lanolin B.P.
BRAND

Awarded Certificate of Purity and Quality from the Institute of Hygiene.

The "Medical Press" says that the British Lanolin made by the London Pharmaceutical Refiners, Limited, of Brockley, has the merit of being superior to the old German Lanoline. The B.P. allowance of Fatty Acids is ·7 %, whereas this new English Lanoline shows only ·27 %. The new preparation is quite odourless, and fatty acids do not develop in it by keeping. These are great merits, and show the extreme care with which the refining process has been carried out by the British refiners.

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GENUINE AMERICAN
PEPPERMINT OIL
"Columbia" Natural
"Diamond White"
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Finest qualities for Druggists, Distillers and Confectioners.

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To INCREASE YOUR PRACTICE send your Work to
A. G. FENTIMAN.
Every case executed under personal supervision, thus facilitating fit and giving complete satisfaction. Send for price list, &c., to (the only address)
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POSTERS, LANTERN SLIDES, etc., produced in SMART, CATCHY STYLES THAT WILL PULL TRADE, BY—
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List of Cards sent on request.
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LAVENDER (French), SPIKE LAVENDER (French and Spanish)
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ESSENCES, SOLIDES and LIQUIDS from flowers. RESINOIDS and POMADES.
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HIGH CLASS SURGICAL DRESSINGS

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ABSORBENT COTTON WOOL

Superfine Quality.		Gold Label	3/6 lb.
"C"	„	Blue „	2/4 lb.
"E"	„	Green „	1/9 lb.

Small packets and cartons from 1 oz. upwards. Most Attractive Series.

Quick Dispatch. Orders in Rotation.

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MARRIOTT STREET MILLS, STOCKPORT.
CABLES UNDISPUTED, STOCKPORT. CODE A.B.C 5TH EDITION.



"SANOID"
THERMAL WOOL

(GAUZE TISSUED)

An efficient remedy for Rheumatism, Gout, and all Chest Affections.

9d. Cartons ... per doz. 6/6; per gross 72/-
1/6 ,, ... ,, 11/6; ,, 132/-

Showcard with 3 dozen lots.

Name and Address printed on labels for orders of 6 doz. lots

CUXSON, GERRARD & Co. Ld
OLDBURY, near BIRMINGHAM.

Export and Colonial inquiries specially invited.

SICILIAN

LEMON - BERGAMOT

ORANGE - MANDARINE.

SPINELLI

THE OILS THAT HAVE A LONG REPUTATION FOR QUALITY.

In the manufacture of our Terpeneless Oils it was imperative that we secured the very finest Sicilian Oils to work upon. After several exhaustive tests we came to the conclusion that "SPINELLI" brand of Sicilian Oils gave us the best results. As we were able to place large orders for our own needs with the manufacturers, we have pleasure in stating that they have entrusted us with their British Agency, and we offer to users of Sicilian Oils the benefit of our experience. There is quality in every package. Guaranteed Genuine Oils of authentic origin, and to conform to any :: :: :: analysis as to purity. :: :: ::

HOLLANDS DISTILLERY LTD.

Lavington Street, Southwark, LONDON, S.E. 1

A B C Code, 5th Editinn
Western Union.

Telegrams: "LANDSLOH, LONDON."
Telephone: HOP 898.

AMERICAN AGENTS—O. A. BROWN CO., INC., 99-101 Beekman Street, NEW YORK.
CANADIAN AGENTS—F. S. JARVIS & CO., 18 Toronto Street, TORONTO.

TERPENELESS OILS

BRITISH MADE.

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the World.

WE SPECIALISE IN TERPENELESS:

Anise (Anethol)
Bay
Bergamot
Caraway
Cassia
Cinnamon
Clove
Dill
Geranium
Ginger
Juniper Berry
Lavender
Lemon
Limes
Mandarin
Nutmeg
Orange
Peppermint
Petitgrain
Rosemary

CINNAMIC ALDEHYDE

GERANIOL

CITRAL

EUCALYPTOL

HOLLANDS DISTILLERY, Ltd.

Lavington Street, Southwark, London, S.E. 1.

A B C Code (5th Edition), Western Union.

Telegrams: "LANDSLOH LONDON." Telephone: HOP 898.

***AMERICAN AGENTS*—O. A. BROWN CO. INC., 99-101 Beekman St., New York.**
***CANADIAN AGENTS*—F. S. JARVIS & CO., 18 Toronto Street, Toronto.**

Get

RIBBONS Attractive

TO MAKE YOUR BOTTLES

FROM R. LECONTE & CO.

8 SOUTH STREET, LONDON, E.C.2

PHONE: LONDON WALL 5072

ESTABLISHED 1889

MANUFACTURERS OF CAPPING MATERIALS.



NO PASTE,
NO ADHESIVE,
NO STRING,
NO ELASTIC,
NO SCISSORS
are required for

SEMREH

BOTTLE CAPS.
They are
SELF-FIXING.

Details from
THE VISCOSE
Development Co., Ltd.,
BROMLEY, KENT.

CAPPING SKINS

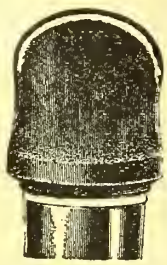
WHITE AND COLOURED SPLITS,
OPAQUE AND TRANSPARENT
BAUDRUCHE. SPRINKLERS.

ARTHUR TOOMBS & CO.
Perfumers' Sundriesmen,
26-27 Bush Lane, Cannon St., LONDON, E.C.4.
Telephone: Central 13374.
Telegraphic Address: "Deflection, Cannon, London."

IMMEDIATE DELIVERY

ALSO GOLDBEATER'S SKIN FOR MEDICAL PURPOSES.

GATES' BOTTLE CAPPING SKINS

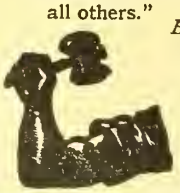


THE CHEAPEST & MOST EFFECTIVE CAPPING EVER PRODUCED.

SNOW-WHITE OPAQUE ROLLED SKINS.

SOMETHING QUITE NEW. These Skins are damp and READY FOR USE. Used by all the Leading Perfumery and Drug Houses. ABSOLUTELY AS OPAQUE as Split Skins and equal in appearance.

"Mine beat all others."



"SOLE PIONEER"
and Only
English Manufacturer:
LESLIE GATES
HAILSHAM, SUSSEX.

Another New Speciality.—Try my TRANSPARENT SHEEP BAUDRUCHE CAPPING SKINS.

Cellophane

What Is It?

CELLOPHANE

is a transparent film of pure Cellulose, **absolutely** air, grease, and odour proof, **unaffected** by cold, heat, or moisture, and **sterilisable.**

An **ideal wrapping** for Drugs, Tablets, Bath Crystals, Perfumery, Provisions, Sweets, Surgical Dressings, Articles of Toilet, &c. &c.

Will keep your Goods, Boxes, Bottles, and delicate Labels **clean** on the Counter and in Shop Windows, allowing the Articles to be seen **by transparency**. Can be had colourless, coloured and embossed.

Also in the shape of **Discs** for Creams, Ointments, Boot Polish, &c.

Prices, Samples and Particulars from

The CELLOPHANE COMPANY
(LECLERCQ & CHARÉRAT),
15 Cullum Street, London, E.C. 3.

NOW is the time to buy

Aniseed Oil, Liquorice Juice
Eucalyptus Oil, Olive Oils
Castile Soap, Petroleum Jelly
Norwegian Cod Liver Oil
Camphor

Let us supply you with samples, prices and full particulars

F. CHIESMAN & CO.

59 St. Mary Axe, LONDON, E.C. 3

Telegraphic Address: "PALUSTRIS, LED, LONDON."
Telephone: AVENUE 63 (2 lines); 6994.
Code: ABC, 5th Edition.

And at LIVERPOOL, GLASGOW, BRISTOL, &c.

POUDRE NILDÉ

in the sifter box

Appeals irresistibly to every woman. The quickest selling line of face powder ever shown.

Minimum Selling Prices:

POUDRE NILDÉ

in the sifter box

SMALL SIZE, for the handbag -	**1/-**
LARGE SIZE - - - - -	**3/6**
Leather or fancy silk vanity cases, small size, with mirror - - - - -	**4/6**
LARGE SIZE - - - - -	**9/-**

ROUGE *INVISIBLE* NILDÉ

in the sifter box.

SMALL SIZE - - - - - -	**1/6**
IN LEATHER CASE - - -	**5/-**

SHOWS YOU **33⅓%** ***PROFIT.***

Through your wholesale house.

EACH BOX CONTAINS A PUFF

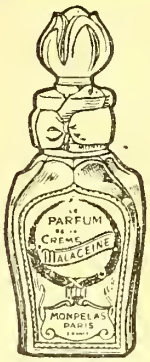
NILDÉ, PARIS

British & Colonial Agents: **8 Blenheim Street, London, W. 1.**





MALACEÏNE



MALACEÏNE PRODUCTS

Manufactured by

"PARFUMERIE MONPELAS"

PARIS.

No.		Per Doz.	Retail Price P.A.T.A
62	Crème Malaceïne, Small size	15/-	1/9
63	,, ,, Medium size	30/-	3/6
64	,, ,, Large ,, ...	50/-	5/6
67	Poudre Malaceïne, Small ,, ...	25/-	3/-
68	,, ,, Large ,, ...	35/-	4/-
71	Malaceïne Toilet Soap	21/-	2/6
75	,, Perfume, each bottle in case	70/-	8/-
76	,, ,, loose	65/-	7/6
78	,, Shaving Soap	21/-	2/6

SPECIAL TERMS FOR HOME TRADE

Small quantities ... ... 7½ % 1 Month.
£5 lots and upwards, 5 % Invoice and 7½ % 1 Month.

A £5 SAMPLE ORDER

	Will Cost You s. d.	*Will Realise* £ s. d.
1 doz. No. 62 Cream	15 0	1 1 0
½ doz. No. 63 Cream	15 0	1 1 0
¼ doz. No. 64 Cream	12 6	0 16 6
⅛ doz. No. 67 Powder	12 6	0 18 0
⅛ doz. No. 68 Powder	17 6	1 4 0
½ doz. No 71 Soap	10 6	0 15 0
¼ doz. No 76 Perfume	16 3	1 2 6
½ doz. No. 78 Shaving Soap	10 6	0 15 0
	£5 9 9	£7 13 0
5 % ...	5 6	
	£5 4 3	
7½ % ...	7 10	
	£4 16 5	

OR NEARLY 60 % PROFIT.

Showcards and Booklets Supplied.

An extensive Advertising Campaign in all the principal Society Journals is now proceeding.



Sole Wholesale Agents for Great Britain and Ireland—

WILLIAM TOOGOOD LTD.
77, SOUTHWARK ST
LONDON, S.E.1.



From
D. Lindsay McClure.
Pharmacist.

Comric.....20/11/19
Perthshire.
To Messrs. A. & E. Carreras,
Perfumers, London, W. 6.

GENTS:

Very many thanks for "Enolin" Tooth Paste. I have tried both strengths, and really find "Enolin" the last word in Tooth Paste. The flavour is unique, and should prove palatable to the most fastidious.

I can confidently recommend it to anyone who wants something choice in the way of Tooth Paste.

I have absolutely no interest in "Enolin."

I am, yours most sincerely,
D. Lindsay McClure.

P.S.—You are at liberty to use my name and also my opinion *re* "Enolin."

A.K.Co.

SAPINOL
REAL EGG SHAMPOO

3D. PER BOX
24/- GROSS

MAY WE SUGGEST

your sending us direct or through your wholesalers an order for **one gross**? We do this because it is being tremendously advertised, and we want you to satisfy the trade from Public, not us! Our business is with you, and for that reason we make it **extremely profitable.**

WE HAVE A MOST **BEAUTIFUL SHOWCARD**

a "cut-out" in many colours, and we send one with all orders—for 6 doz. and 2 doz. bonus, Egg—plus 6 doz. and 2 doz. bonus, Henna. Work this out at 24/- gross and your margin is—well, big!

SAPINOL
3 King William Street,
STRAND, W.C.

WITH BONUS, YOUR P.A.T.A. PROFIT IS MARVELLOUS

IMPORTANT.

WILL Retail Chemists kindly note that ORISAL MOUTH WASH for PYORRHŒA is now prepared only in a highly concentrated form at **4/9** per bottle retail, the contents being four times the strength of those hitherto retailed at **2/9.**

WHOLESALE PRICES.

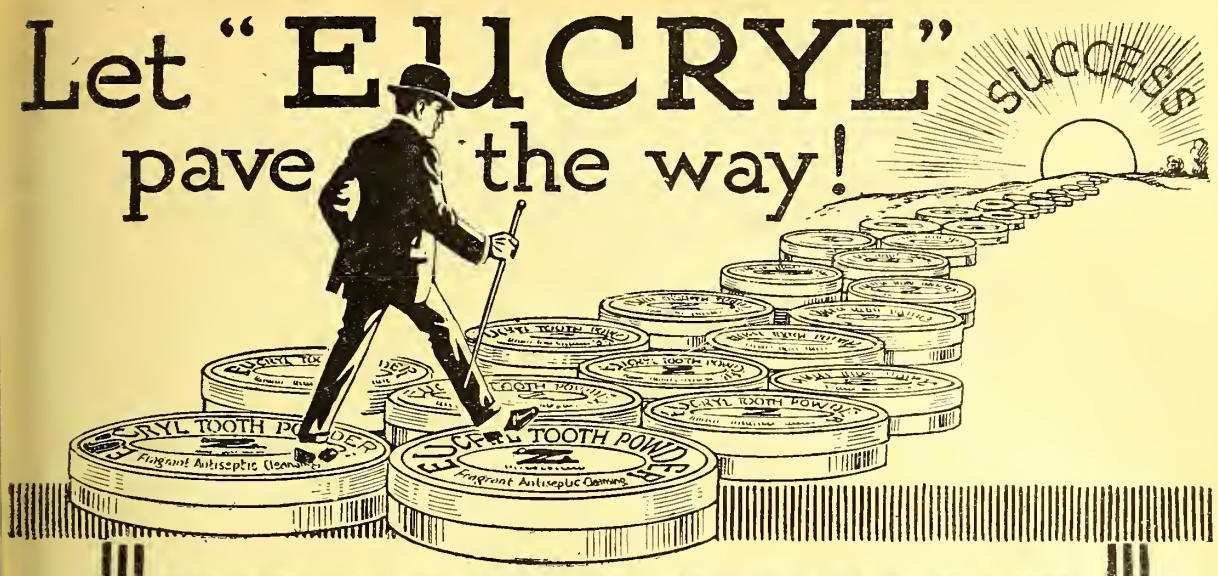
Mouth Wash (including Govt. duty, 12/-) **48/-** per doz.; Retail **4/9** per bot.

Dental Paste (including Govt. duty, 6/-) **23/-** per doz.; Retail **2/3** per tube.

Obtainable from the principal wholesale houses, or direct from

ORISAL LTD.
77 GEORGE STREET, PORTMAN SQ., W. 1.

Let "EUCRYL" pave the way!



to a substantial and ever-increasing Business. The customer who is made through a "Eucryl Introduction" will remain on your Books as a permanent Buyer of Eucryl Productions. Eucryl Tooth Powder and Tooth Paste mean real sales for the Chemist who stocks them. They always spell Repeat Orders, and remember that every sale carries a guaranteed Profit with it—surely a Permanent Way to a successful Balance Sheet at the end of your Financial Year.

EUCRYL TOOTH POWDER & PASTE

EUCRYL Ltd., 138 HIGH ST., BOROUGH, S.E.1

The Tooth Paste with the Odol flavour.

Anglodol

Dental Paste

A Perfect Dentifrice.
Pleasant to the taste.
Profitable to the Retailer.

Retail Price, 7½d. and 1/3.

Window display terms on application.

ANGLODOL, LTD., BERKHAMSTED.

Telephone: BERKHAMSTED **138.** *Cables and Telegrams:* "ANGLODOL BERKHAMSTED."

GOOD PROFITS
ON
KEENOLIA
SPECIALITIES

		Trade Price	M.R.
Chilblain Balm		11/-	1/3
In three size as advertised.	...	15/-	1/9
		21/-	2/6
Hair Cream	4 oz. 7/-	8 oz. 12/-	per doz.
Toilet Paraffin	4 oz. 9/-	8 oz. 13/-	,,
Bay Rhum	4 oz. 8/-	8 oz. 12/6	,,
Eau de Quinine	4 oz. 9/-	8 oz. 13/-	,,
Brilliantines	1½ oz. 6/-	2½ oz. 7/6	4 oz. 10/-

Special Prices for quantities on application to the Manufacturers:

Ormside Chemical Co., Ltd.,
57 POLAND STREET, LONDON, W.1

"SOFTO" Tablets
for Chapped Hands and Tender Feet.



The Line that SELLS!

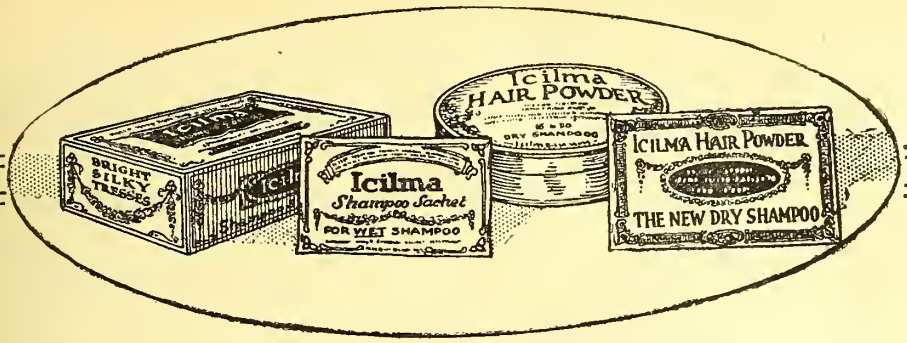
Retail Price - 2d.

Wholesale 12/- per gross.

"Softo" Shampoo Powders
Retail Price 2d. (7 for 1/-).
Wholesale 9/6 per gross.

"SOFTO" FACE POWDER
Three tints—White, Pink and Cream.
Retail 6½d.
Wholesale: 1 dozen, 4/6; 3 dozen, 12/-
1 gross (with 4 dozen bonus) 50/-
Net. Carriage Paid.

SOFTO MANUFACTURING CO.
33 Edgware Road, London, W. 2.



Two widely advertised and profitable lines

Icilma Shampoos are high-class and exclusive toilet preparations, nicely packed in 3d. packets, and are within the reach of all. Widely advertised, they have an enormous sale. But the special point to retailers is the advantageous terms offered to those who assist by display.

These shampoos are absolutely unique in their qualities, and are not equalled by any other on the market.

Icilma Shampoo Sachets. The famous WET Shampoos are splendid for all ages, and especially for children. The only shampoos that prevent falling and help the hair to grow.

Icilma Hair Powder. A simple DRY shampoo—carefully made of pure harmless powders. Is merely sprinkled over the hair and scalp and then brushed out with a good stiff brush.

You can honestly recommend these shampoos to all your customers, especially to those who do not already use them, because they are not only value for money, but are unequalled in quality. *Price Lists and display terms on request.*

Icilma

Shampoos

Supplies are now Normal Pre-War Quality Guaranteed

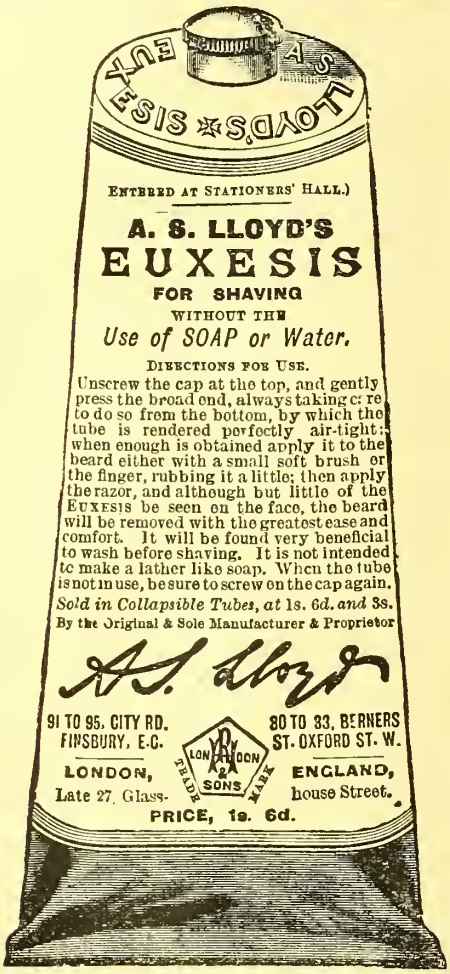
Manufacturers—Icilma Company, Limited,
Sole Distributors—International Icilma Trading Co., Ltd., } 37, 39, 41, 43, King's Road, ST. PANCRAS, London, N.W.1

T15.—29/11/19

A. S. LLOYD'S EUXESIS

(THE GENUINE).

For Shaving without Soap, Water, or Brush.



Sold by all Perfumers and Chemists throughout the World.

R. HOVENDEN & SONS having purchased, under an administration suit, the Business of the late A. S. LLOYD, with the Receipt, Trade-Mark, and Goodwill of the celebrated Euxesis, the Trade are cautioned that the original and genuine Euxesis is now manufactured at our Factory ONLY, and may be obtained at either of our Warehouses.

Prices on application. Special quotation for quantities.

NOTICE.—THE GENUINE A. S. LLOYD'S EUXESIS bears a label printed in BLACK only on a Yellow ground, with our Trade Mark at the bottom, as Illustration.

Proprietors: **R. HOVENDEN & SONS, LTD.,**

LONDON: 29-33 Berners Street, W.; and 89-95 City Road, E.C.

DEARBORN

LIMITED

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

	Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP A complexion soap.	10/-	1/-
PROLACTUM For the lips.	10/-	1/-
PARSIDIUM JELLY For wrinkles.	10/-	1/-
ALLACITE of ORANGE BLOSSOM A dressing cream.	22/6	2/6
BORANIUM A hair tonic.	22/6	2/6
CLEMINITE For a face lotion.	22/6	2/6
COLLIANDUM For a face tint.	22/6	2/6
PERGOL A deodorant.	22/6	2/6
STALLAX For a shampoo	22/6	2/6
JETTALINE For clearing the skin.	31/6	3/6
PHEMINOL A depilatory.	36/-	4/-
MENNALINE For the eyelashes.	36/-	4/-
MERCOLIZED WAX A face cream.	31/6	3/6
STYMOL For oily complexions and blackheads.	36/-	4/-
BARSYDE Dandruff eradicator.	22/6	2/6
TAMMALITE For grey or faded hair.	22/6	2/6
LIQUID PERGOL To check excessive perspiration locally.	31/6	3/6
BICROLIUM For whitening the hands.	22/6	2/6
HARAPOSA Nut oil shampoo.	22/6	2/6

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA:
ALL WHOLESALERS and DEARBORN, Ltd., Grace House, Clarence Street, Sydney.

SOUTH AFRICA:
LENNON & CO., Ltd. (Cape Town).
SIEVE BROS., & KARNOVSKY (Johannesburg).

INDIA:
KEMP & CO., Ltd. (Bombay).
R. MACLURE (Madras).
SMITH, STANISTREET & CO. (Calcutta).
MEHTA BROS. (Calcutta).
JAMNADAS BROS. (Bombay).

NEW ZEALAND:
SHARLAND & CO., Ltd. (Auckland & Wellington).

SOUTH AMERICA:
DEARBORN, Ltd., Calla Salta 264, Buenos Aires.

A. S. LLOYD'S EUXESIS.

For Shaving without Soap, Water, or Brush.

CAUTION.

The Labels on GENUINE EUXESIS bear two signatures—
A. S. Lloyd in Black Ink, and that of his Widow,
Aimée Lloyd, in RED. Refuse any other.

Sole Manufacturers and Proprietors: **AIMÉE LLOYD & CO.**

23 PANTON STREET (formerly named Spur Street),
HAYMARKET, LONDON, S.W.

N.B.—When ordering from Wholesale Houses write LLOYD'S EUXESIS (WIDOW'S).

DECOLTENE
The liquid hair remover

The intelligent depilatory. Simple, safe and effective. Can be used while performing the toilet.



Dinkie
The Dainty Deodorant

The greaseless cream that takes all odour out of perspiration. Packed in attractive opal jars.

DIADEM Crême Rouge

Gives a natural colour to the cheeks. Far more convenient in use than dry rouge. Easily removable.

DIADEM Face Powder

Adheres readily to the skin. Made in Blanche, Naturelle, Rachel, Rose and Sunburn tints. In large artistic boxes, in distinctive style.

DIADEM Eau de Cologne.

A Perfume of most exquisite fragrance. Cooling, lasting and refreshing. In handsome sprinkler bottles.

DIADEM Vanishing Cream

A cream of rare purity and charm, put up in novel white globes and packed in dainty boxes in attractive style.

DIADEM WAX For the Complexion

Completely supersedes the customary greasy Toilet Creams. Pleasant in use and commands ready sales. In elegant large jars.

DIADEM Talcum Powder

The ideal powder for Nursery and Toilet. Choicely perfumed, and may be used with impunity on the most sensitive skin.

TRADE TERMS.

		P.A.T.A.	Trade per doz.
Decoltene Depilatory	.. ..	3/9 ..	30/-
Dinkie Deodorant	.. ..	2/6 ..	20/-
Diadem Face Powder	.. ..	2/6 ..	20/-
" Complexion Wax	.. ..	2/6 ..	20/-
" Crême Rouge	.. ..	2/6 ..	20/-
" Vanishing Cream	.. ..	3/9 ..	30/-
" Talcum Powder	.. ..	1/3 ..	10/-
" Eau de Cologne	.. 1 oz.	1/9 ..	14/-
" " "	.. 2 oz.	3/3 ..	26/-
" " "	.. 4 oz.	6/- ..	48/-

NOTICE.

Artistic Showcards and Counter Matter free on request.

Robartes' Preparations are obtainable from all leading wholesale houses.

Largely advertised in all the leading dailies, weeklies and monthlies.

Further particulars and descriptive booklet forwarded on request.

ROBARTES, Ltd., Dyer's Buildings, Holborn Bars, London, E.C.I.

WE CAN SUPPLY!!!

from LONDON STOCK

FLEXIBLE NAIL FILES at Lowest Market Prices.

RIGID STEEL and **BONE NAIL FILES, IVORY** and **BONE TRIMMERS.**

Best French Cutlery
Nail Polishers
Emery Boards
Chamois Leathers

BOXWOOD—

PUFFS
AND
Vanity Puff Boxes
COMBS
of EVERY DESCRIPTION.

Hypodermic Syringes, 1 c.c., 2 c.c. and 20 min., complete in cases
(French) ... ... 27/- doz.
,, Naked (French) ... 10/- ,,
,, 10 c.c., complete in cases 66/- ,,
20 c.c. ,, 81/- ,,
Glycerine Syringes 120/-gross.

CAPPING SKINS
White and Coloured.

— TURNERY

IMPORT
PARIS
NEW YORK

WHOLESALE and EXPORT only supplied.

THEO. VAN DER HEYDEN
118-122 Holborn - - E.C. 1.
Telephone: Holborn 1873.

EXPORT
BRUSSELS
ANTWERP

Our lines are Genuine.
Largo buyers of
Pomade Hongroise
Styptic Pencils
Nail Polish
Cloth Cleaners
Antiseptic Shaving Blocks
Razor Paste etc
Should write to :-
Delphinus Mfg. Co.,
45 Edward St.,
Brighton,
Sussex.
England.
Telegrams "Hongroise, Brighton"
Export to all Countries.
Best attention to all orders received.
Sell the article that pays for itself.

DISCERNING CHEMISTS Should Stock

LACOSTE ET CIE,

the well-known Liquid Dentifrice for checking Pyorrhœa, also the unrivalled SAVON DENTAIRE LACOSTE for cleaning artificial teeth and plates.

SELLS WELL AT HOME & ABROAD.
LIBERAL DISCOUNT TO THE TRADE.

Send SAMPLE ORDER and we will send you CUSTOMERS.

Proprietors :

LACOSTE ET CIE,
123a BOROUGH HIGH ST., LONDON, S.E.1.
Telephone: Hop 1789.

Raymet's Representative.

SUGGESTIONS FOR YOUR CHRISTMAS WINDOW.

CONCENTRATED PERFUMES.

Red-stoppered bottles, finished blue silk cord, bronze name labels, assorted odours, true to name and highly concentrated. 1 doz. on attractive card, 12/- per dozen.

These perfumes are well worth your attention. They sell quicker from cards than in boxes, and being exceptional good value repeat orders are certain.

SAFETY RAZORS.

Our stocks are rapidly disappearing. Order now to avoid disappointment.

Curved-top razors, heavily silver plated on solid brass. To take Gillette pattern blades.

No. 156. Suitable for week-end or travelling. Leather case. Size closed, 2″ × 1¼″ × ½″. Stud fastener. 1 blade. Price 3/- each.

No. 157. Soft brown leather, purse shape; stud fastener, leather band to hold top of razor in position, 4 flaps. Size closed, 3¼″ × 2″ × ½″; 3 blades in pocket at back. Price 5/- each.

No. 158. Black grained leather, wallet shape; stud fastener, 4 flaps. Size closed, 4¼″ × 3¼″ × ½″. Razor handle and 3 blades in leather loops. Price 6/- each.

No. 159. As above, but in brown pigskin. Price 6/- each.

No. 160.—Soft grey or brown leather, wallet shape; 4 flaps, stud fastener. Size closed, 4¼″ × 3¼″ × ½″; 6 blades; razor top and handle in leather loops. Price 7/- each.

No. 161. Solid brown leather case, box shape; velvet padded. Size, 3¾″ × 2″ × 1½″. 4-piece razor, two leatherette blade holders; 6 blades. Price 7/6 each.

TOILET PREPARATIONS

Distinctive brown engraved labels, name and address free on 1 dozen of a preparation. All bottles white skin capped. Sprinkler corks (where not included), 1/- per doz. extra.

BRILLIANTINE

Round bottles, green or yellow, assorted perfumes.
1½-oz. 5/-, 2½-oz. 7/6, 4-oz. 10/- per dozen.

TOILET PARAFFIN

Prepared from the best odourless oil, well perfumed, green or yellow.
2½-oz. bottles 7/-, 4-oz. 9/6 per dozen.

BAY RUM

A brilliantly clear preparation containing the full amount of spirit.
2½-oz. bottles 7/-, 4-oz. 9/6 per dozen.

LIQUID DRY SHAMPOO

No water or rinsing required; sells well.
2½-oz. bottles 7/-, 4-oz. 9/6 per dozen.

BAY RUM & CANTHARIDES

A popular and reliable article.
2½-oz. 6/6, 4-oz. 9/- per dozen.

HAIR CREAM

Greaseless, does not mat the hair, nicely perfumed.
2½-oz. 6/6, 4-oz. 9/- per dozen.

VIOLET OIL

Sells well in good-class districts.
2-oz. fluted bottles, sprinkler corks, 8/-; 4-oz. 14/- per dozen.

LIME CREAM

White and inseparable.
4-oz. bottles 7/- per dozen.

COLD CREAM

A seasonable line; does not go rancid; nicely perfumed.
2-oz. pots. 7/6 per dozen.

Large buyers should write for special quotations stating quantities required.

Terms:—Monthly account net. Carriage paid £2 orders. (Scotland and Ireland £3 orders).

RAYMET & CO., LTD., 507-509 Harrow Road, London, N.W.10

B

IT ONLY COSTS NINEPENCE PER LB.

TO MAKE A FIRST-CLASS VANISHING COLD CREAM WITH

THE IDEAL BASE FOR **WENO** (REGISTERED) VANISHING TOILET CREAMS

It can easily be made in about fifteen minutes.

1 lb. **3/6** - 4 lb. **13/8** - 7 lb. **23/4** net.

POSTAGE EXTRA.

SOLE AGENTS—

MECCESON & CO., LTD.

NEW CHURCH ST., BERMONDSEY, LONDON, S.E.



REPUTATION COUNTS.

"Camilatone" Camomile Tonic SHAMPOOS

are the most popular hair beautifying preparations on the market.

PROFITABLE LINES.

1/-	line, for brightening only,	7/-	per doz.
5/6	" " " "	42/-	"
2/-	" for warmer shades	14/-	"
5/6	" " " "	42/-	"
1/6	" for the Nursery	10/-	"

5 packets in box.

Once sold, always asked for.

Supplied direct by

The CAMOMILE TONIC Co.

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FACE CREAM. TOOTH POWDER. NAIL POLISH
„ POWDER. „ PASTE. HAIR CREAM
BRILLIANTINE, Solid and Liquid. PERFUMES
VIOLET POWDER. TALCUM. TOILET OATMEAL
SHAMPOO POWDER & LIQUID. MASSAGE CREAM

Your own formula prepared, or we can supply ingredients if desired.
Send for samples and quotations.

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PHONE—AVENUE 1945.

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WE WILL STILL SEND YOU
if you answer now, with our two-colour "Beauty in the Making" Showcard,
6 DOZ. OF BOTH SIZES, CARR. PAID
But please note that this offer is for current adverts. and is
NO GOOD AFTER DECR. 6, 1919.

CHRISTY'S
COLD CREAM

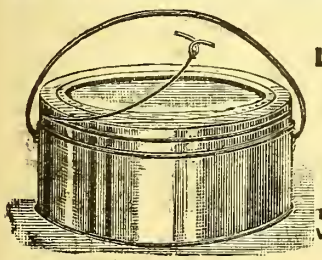
is put up in ½-doz. show outers in a "two-green" colour scheme, as is also the tubes and cartons. You will observe that we are repeating our offer for another week (see tablet). It is of great importance that Christy's

NEVER GOES RANCID
UTTERLY DEPENDABLE
ALWAYS ADVERTISED

The P.A.T.A. price of the No. 7 is 8½d. and that of the No. 9 1/-. The trade prices are 5/- and 7/- per doz. respectively. Thus you will see that in addition to *quality*, your profit is well looked after.

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SOTOL
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ORIGINAL

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daily extends its boundaries, and is now a subject for popular journalism.

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Prepaid Parcel Post to Great Britain and her Asiatic and African Colonies. Samples and store displays free with every order.

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Shipped via Parcel Post Prepaid.

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Sells freely all the year round. Specially valuable in Winter for Chapped Hands, Cracked Lips, or Roughened and Irritated Skin.



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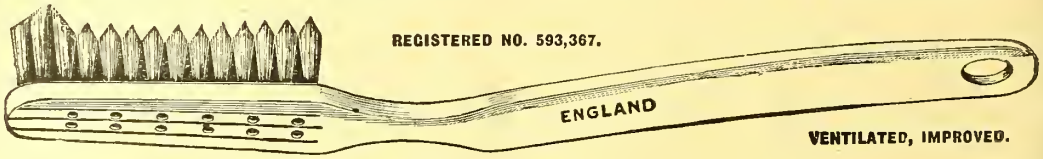
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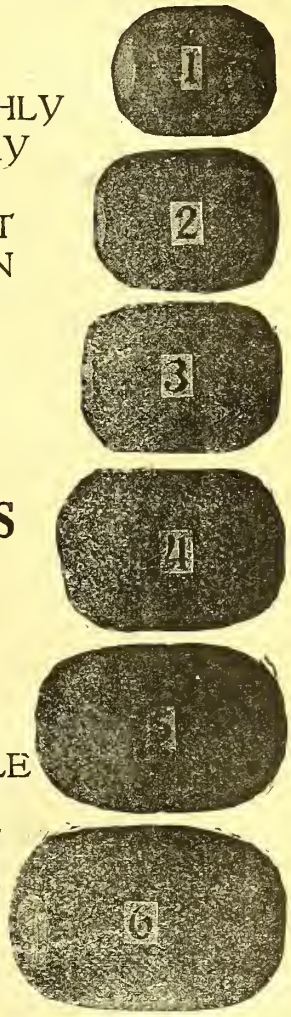
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Company's Employees	50	10,000
Company's Sales	£12,350	£12,000,000

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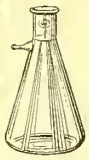
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Telephone: CITY 9241. Telegrams: "SINEDOLO, CENT, LONDON."

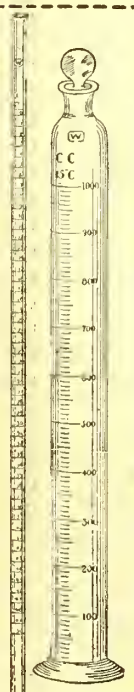
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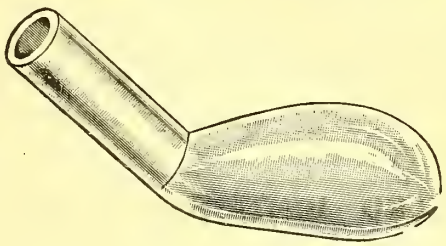
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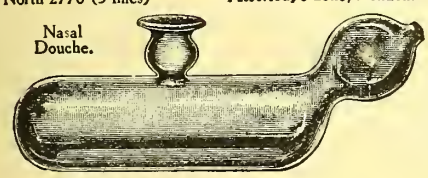
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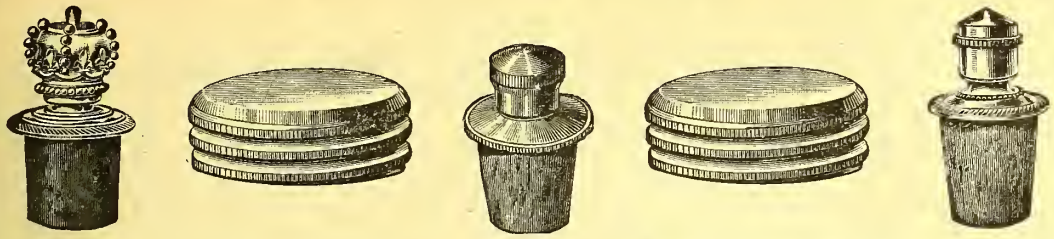
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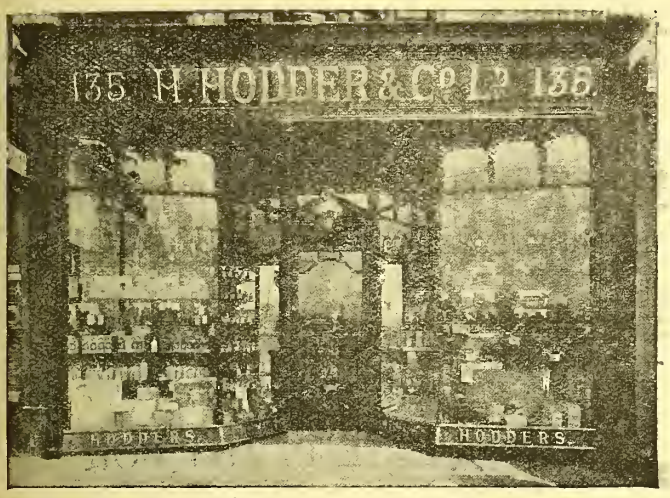
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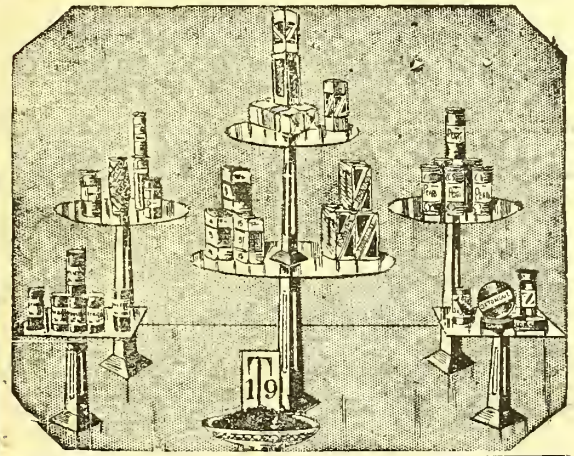
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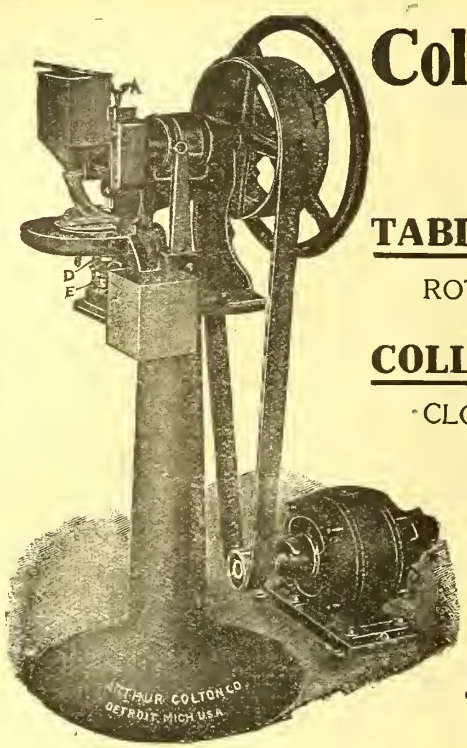
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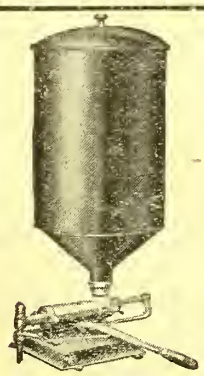
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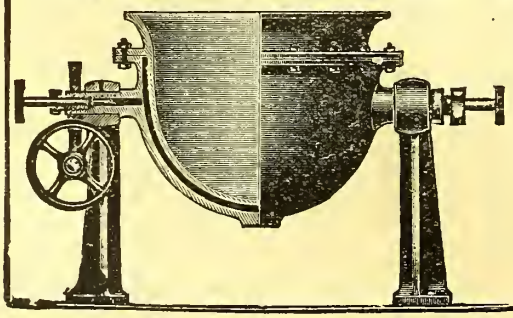
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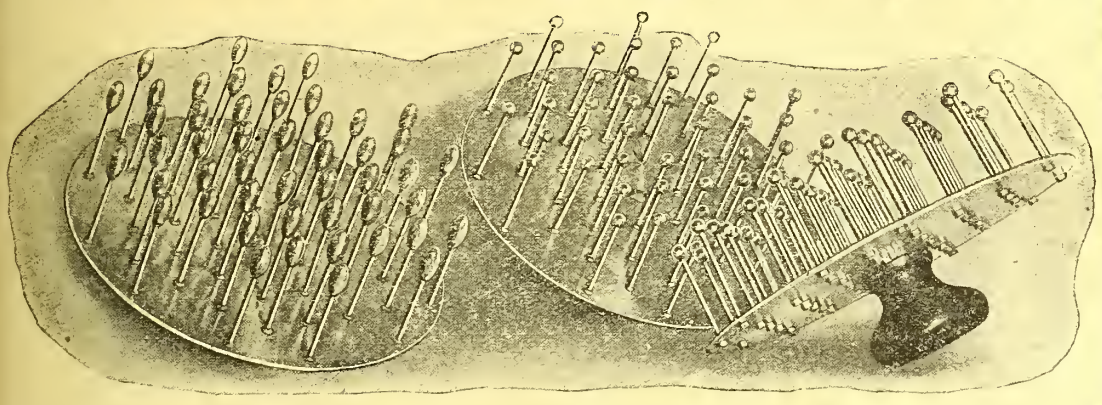
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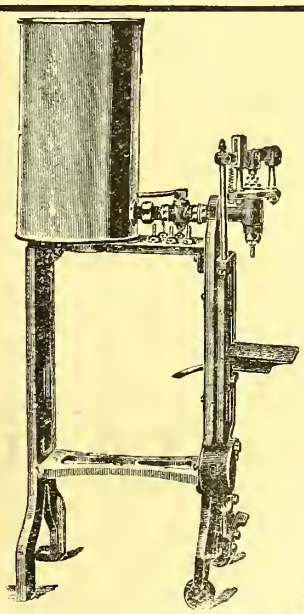
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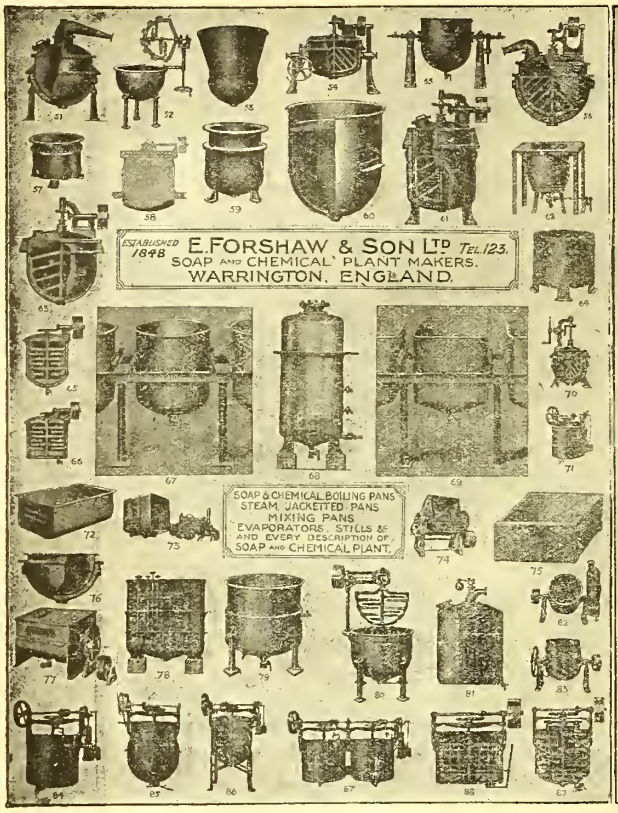
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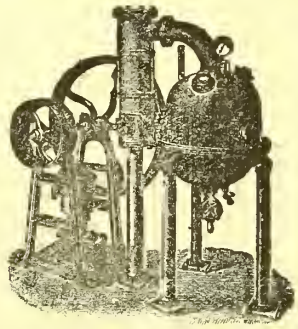
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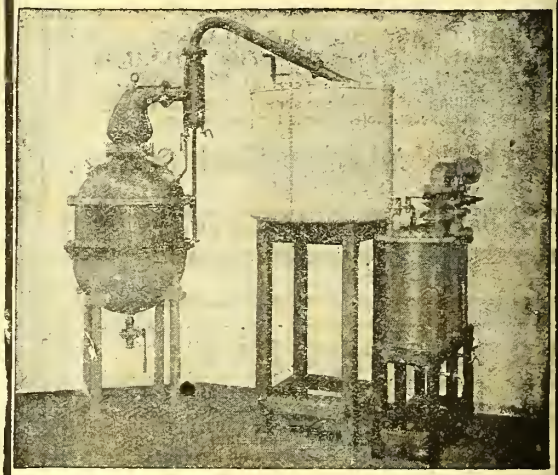


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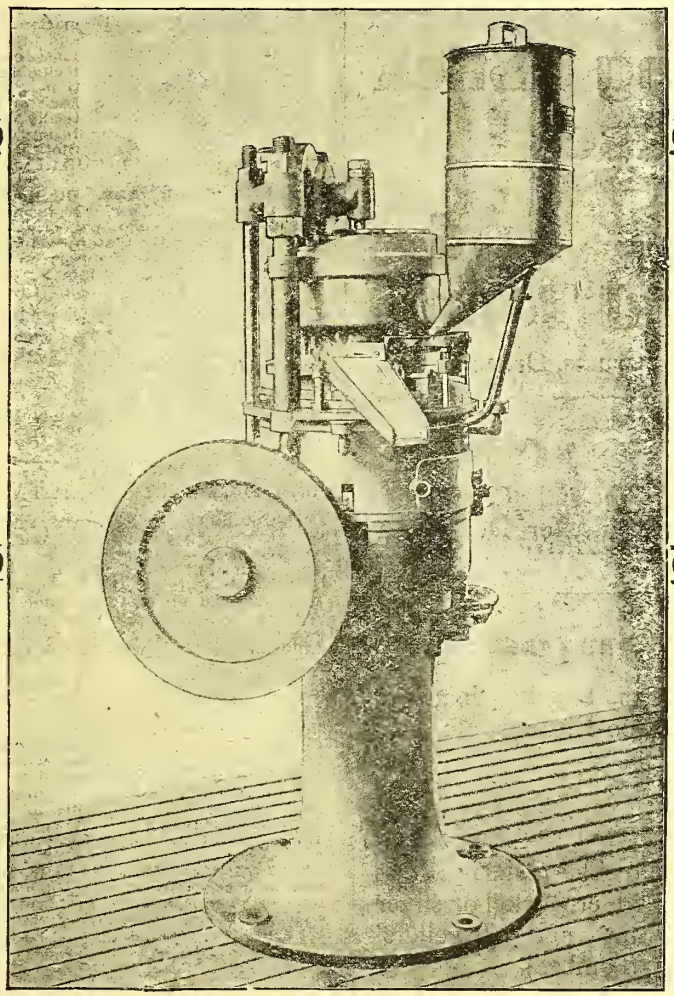
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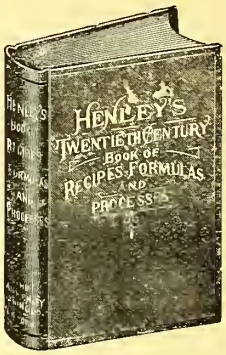
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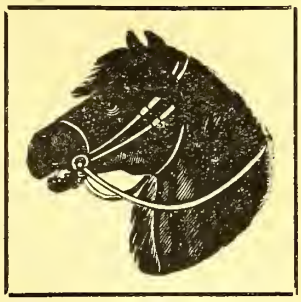
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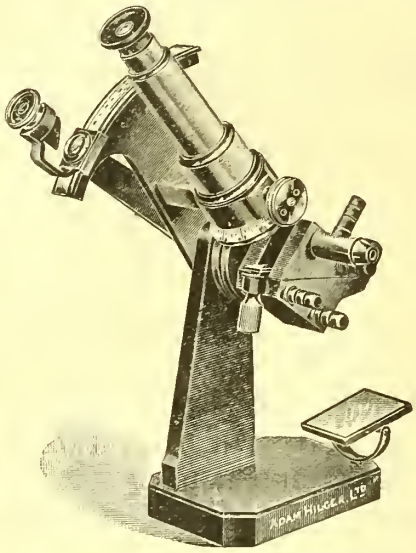
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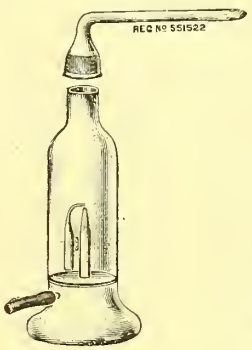
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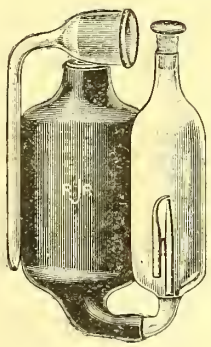
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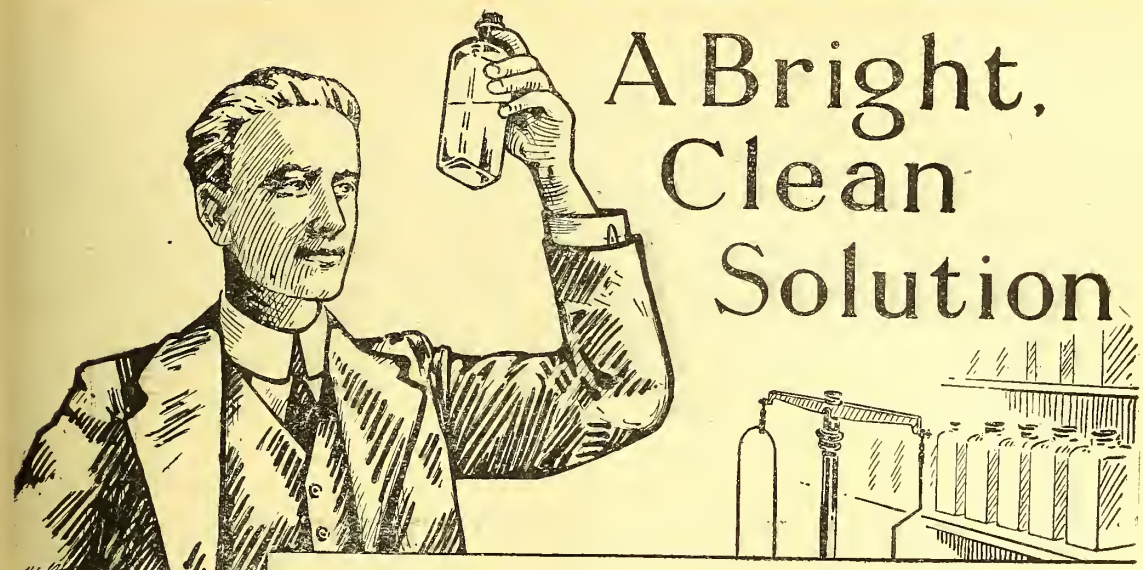
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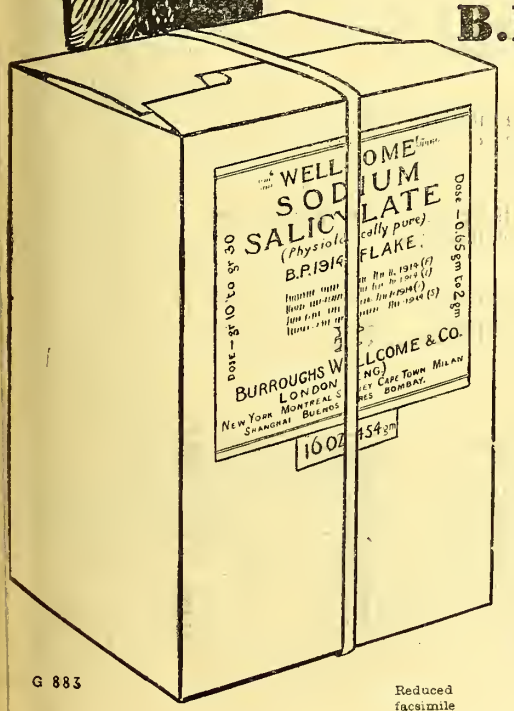
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Coming Events.

Monday, December 1

Society of Chemical Industry, Chemical Society's Rooms, Burlington House, Piccadilly, London, W., at 8 P.M. Mr. Henning on "Ethyl Chloride"; Mr. Barrs on "The Influence of Impurities on Lead when Heated with Conc. Sulphuric Acid."

Royal Society of Arts, John Street, Adelphi, London, W.C., at 8 P.M. Emeritus Professor J. Theodore Hewitt on "Synthetic Drugs" (Cantor Lecture I.).

Society of Chemist-Opticians, 42 Cannon Street, London, E.C., at 2.30 P.M. Council meeting.

Wednesday, December 3.

Leeds Chemists' Assistants' Association, Wray's Café, Vicar Lane, at 7 P.M. Whist drive and musical evening. Tickets (2*s.* 6*d.* each, including refreshments) from Mr. G. F. Hollingworth, Ph.C., 7-9 Bond Street, Leeds (not after November 29).

The National Association of Women Pharmacists (London Group), Dr. Williams's Library, Gordon Square, London, W.C., at 7.30 P.M. Mr. A. H Jenkin on "The Complete Regulation of the Practice of Pharmacy."

Brighton Association of Pharmacists, at 8.45 P.M. Lantern lecture on "Petroleum," by Mr. S. Jamieson (London).

Liverpool Chemists' Association, Royal Institution, Colquitt Street. Mr. H. G. Evans, F.I.C., Ph.C., on "The Chemistry of the Proteins."

Thursday, December 4.

Chemists' Section, National Amalgamated Union of Shop Assistants, etc., Old Plymouth Chambers, Plymouth, at 8.30 P.M. Speaker: Mrs. R. Simpson (the newly-elected Plymouth Town Councillor). All chemists' assistants and apprentices invited.

Chemical Society, Burlington House, Piccadilly, London, W., at 8 P.M. Mr. Henstock on "Diphenanthryl," and Messrs. Steele and Denham on "A New Sulphuretted Hydrogen Generator."

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Contracts.

The following Government contracts have been notified: MINISTRY OF MUNITIONS (WAR OFFICE).—*Disinfectants.*—Heppell's Insectox Laboratories.

INDIA OFFICE.—*Barium Chlorate.*—Thomas Tyrer & Co., Ltd. *Boric Acid.*—Howards & Sons, Ltd. *Camphor.*—Whiffen & Sons, Ltd. *Chemicals.*—Carnegie Bros.; W. J. Bush & Co., Ltd.; Whiffen & Sons, Ltd.: May & Baker, Ltd.; F. W. Berk & Co., Ltd.; Thomas Tyrer & Co., Ltd. *Chloroform.*—Duncan, Flockhart & Co. *Cresol.*—Jeyes' Sanitary Compounds Co., Ltd. *Ether.*—Howards & Sons, Ltd. *Glycerin.*—Price's Patent Candle Co., Ltd. *Paraffin (soft).*—Pilchers, Ltd. *Silver Nitrate.*—Johnson, Matthey & Co., Ltd. *Strychnine.*—Burroughs Wellcome & Co. *Tablets.*—Burroughs Wellcome & Co., Parke, Davis & Co.

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Poisonings.

The following fatal poisonings have been recorded:

Dr. R. T. Nichols, 28 Park Road, Ilford, was found dead in bed on November 24, with a bottle containing prussic acid by his side.

At Wolverhampton, on November 21, an inquest was held on the body of John Hill, licensed victualler, who had taken prussic acid which he purchased from a chemist, stating he wished to destroy a dog. A verdict of "Unsound mind" was returned.

At Shepherd's Bush, London, on November 22, an inquest was held on the body of Annie Shaw, a married woman, who, it was stated, had telephoned her husband announcing her intention of committing suicide. She took salts of lemon shortly afterwards.

At an inquest at Stoke-on-Trent, on November 26, concerning the death of Mr. W. Fifield Holtom, solicitor and clerk to the Stoke Justices, it was stated that death was due to hydrocyanic-acid poisoning. A verdict of "Suicide while of unsound mind" was returned.

In the City Coroner's Court, London, on November 21, an inquest was opened on the body of Robert Warner, baker and confectioner, who died at St. Bartholomew's Hospital, while under the influence of stovaine, where he was undergoing an operation for hernia. The coroner adjourned the inquest for the attendance of the anæsthetist, Dr. J. Langton Hewer, who had himself just undergone a severe operation.

At the Green Dragon Inn, Brigstock, Northamptonshire, on November 18, an inquest was held on the body of Edward R. Bland, head gardener at the Manor House, Brigstock, who was alleged to have drunk weed-killer on the previous Sunday and expired soon afterwards. A doctor certified that deceased died from the effects of poison. The weed-killer contained arsenic. The Coroner recorded a verdict of "Unsound mind."

Bristol Doctor's Complaint.

The complaint of Dr. Bernard, Bristol, to the effect that there is a difficulty in getting prescriptions dispensed after 7 P.M. (*C. & D.*, November 22, p. 46), has been vigorously answered by Mr. J. S. Guthrie, chemist and druggist, Secretary to the Bristol Pharmaceutical Committee. Mr. Guthrie writes to a local paper as follows: "Perhaps Dr. Bernard will enlighten the public with what happens when a patient goes to the surgery of his choice before 7 P.M. and finds the doctor out. Is he told where he can get the advice required at once? We think not. The pharmacists do tell their clients where they can get dispensing done up to the agreed reasonable hour. The Pharmaceutical Committee have nothing to hide, and are placing an official complaint before the Insurance Committee as to the charges made, when the medical and pharmacy sides can be considered."

C

Birmingham.

Scarlet fever is again prevalent, and nearly 700 patients are in hospital.

According to a local dealer there is no magnesium ribbon to be had in the city.

The local Profiteering Committee hold that the margin of profit should be assessed on cost, and not on the sale price.

The Birmingham Chamber of Commerce has decided to recommend traders to close their shops on Thursday, Friday, and Saturday of Christmas week.

The Bingley Hall Cattle Show, which is to be held again after four years' interval, gives veterinary pharmacists a splendid opportunity of exhibiting their wares.

Licences to obtain foreign glassware have been granted to local chemical apparatus dealers. One manager asserts that the reason of the shortage is that beer glasses pay better!

Mr. D. R. Whitley, who for twelve years has acted as manager for Snape & Sons at their branch shop, Villa Road, Handsworth, has purchased the business from Mr. Jeffrey Poole, the proprietor.

Major F. B. Winfield, M.D., has been demobilised, and is now acting as house physician at the Birmingham General Hospital. He is the son of Mr. G. F. Winfield, pharmacist, Solihull, Warwickshire.

The eight-year old daughter of Mr. B. G. Watson, pharmacist, Alcester Lanes End, has secured, by examination, admission to King Edward's High School for Girls, Birmingham. Her mother is a B.Sc. (Lond.).

"The scandalous mismanagement of the goods traffic by the railway companies is becoming so serious as to threaten the very life of the trading community of this country," writes a Birmingham manufacturer to the "Birmingham Post."

A movement is on foot for the presentation of a testimonial to Sir Oliver Lodge, F.R.S., who has resigned the chair of Principal of Birmingham University. Among the committee are Alderman F. C. Clayton, Ph.C., and most members of the Cadbury family. The maximum subscription has been fixed at 5*l*. 5*s*., and already many names and donations have been received.

At the Birmingham Pharmaceutical Association dinner on November 19 there was a remarkable absence of the older members of the craft, but the younger men were present in force, and Mr. Lloyd's address was a model of condensation and good material. At the interval the Society's medals were handed round and the fact was elicited that a lady who had designed the Masonic badge of the new pharmacy lodge was the designer. This lady is one of the daughters of Mr. A. W. Gerrard, Ph.C.

Liverpool.

J. McGuffie & Co., Castle Street, have a good window display of solazzi at 1*s*. 11*d*. per stick.

Mr. John Nicolson (a representative of R. Sumner & Co., Ltd.) is now convalescent, and is to resume work next week.

Mr. John Herman has returned from America by the s.s. *Bohemian*. He considers that British pharmacists have little to learn from U.S.A. pharmacy.

The veteran member of Evans Sons Lescher & Webb, Ltd.'s, staff, Mr. W. Wellings, who has over fifty years' service to his credit, is recovering from a serious illness.

Mr. Harold Lomax, Edge Lane, on returning to his pharmacy after a recent half-holiday, found that someone in search of cough mixture had broken a window and had helped himself!

Many firms display a wish to open branch offices and warehouses in Liverpool, but premises are rarely obtainable. Chemists and druggists are called upon by representatives of new firms.

The Lancashire Education Committee is announcing for competition scholarships and exhibitions to the value of about 7,000*l*. The only hope for pharmacy is contained in the sentence "other courses may be considered for approval."

A growing realisation of common interests, coupled with the desire to see the forthcoming visit of the British Pharmaceutical Conference a success, is reflected in the strengthening of the Liverpool Chemists' Association and the rally to the meetings this session.

At an inquest on the body of a man who was believed to have contracted anthrax while shaving himself, the City Coroner (Mr. A. G. Inglis) recorded a verdict to that effect. With British-made brushes the risk is small, but a guarantee of sterility by the makers would inspire public confidence and facilitate sales.

Harassed by delay in deliveries by rail, a correspondent writes: "If the Government would take complete, instead of partial, control of the railways, it would be good for us, as the condition of things then would be so bad that we should learn how to make ourselves independent of railway transport. A backyard and a basement heaped up with empty cases and a procession of lorries without loads seem to typify railway conditions to-day."

Sheffield.

Mr. Boulter, chemist and druggist, has started business at Carr Vale.

Dr. W. E. S. Turner, who has been visiting glass-works in America, has returned.

There is a large increase in the number of members and associates of the local society.

Mr. Thos. Daykin, manager at Boots, Ltd., London Road branch, has taken over the business of his uncle at Bolsover.

The Insurance Committee insists on an 8 P.M. service being available in each area; other details are left for arrangement by the officers.

Professor Bragg (the Quain Professor of London University) gave a lecture recently before the University Chemical Society on "X-Rays and the Structure of Atoms and Molecules."

A special rebate on accounts of one-sixth is being allowed by the Government to institutions registered for the administration of salvarsan substitutes under the Venereal Disease Act Regulations.

Our students held their first dance, which was very successful, at the Imperial Rooms on November 21. During the evening the President announced that the first number of the magazine, the only publication of its kind in the country, may be expected to appear shortly.

Manchester.

Business has been notably quiet during the week, as is usually the case before "spending-time" (Christmas).

Uniformity in the price of jars of malt and oil is not very pronounced in Manchester. Perhaps the recent advance in the wholesale price will help to rectify matters.

Big displays of hot-water bottles have paid those chemists fortunate enough to possess stocks, owing to the cold weather (exceptional for November) experienced recently.

On November 12 Mr. Currie visited the Pharmaceutical Department of the Manchester University, and was conducted through the various sections by Mr. James Grier, M.Sc. He took the opportunity of addressing some seventy ex-Service students while there, and hoped to have the pleasure of congratulating them when they came up for their examination.

The complimentary dinner given at the Midland Hotel to Mr. Currie (President of the Pharmaceutical Society) was a pleasing function, at which Mr. A. Hershberg (President of the Manchester Pharmaceutical Association) presided. Councillor Walter Davies (chairman of the Insurance Committee) and Professor Wild (Manchester University) were also honoured guests.

Miscellaneous.

Application for Poison Licence.—The Yalding Manufacturing Co., Ltd., Kent, have applied for a licence to sell agricultural and horticultural poisons.

Window-smash.—The shop-window of Hickman & Son, chemists, Eastover, Bridgwater, was broken on November 17 by a motor-lorry which was out of control. The damage is estimated at 20*l*.

Fire.—An outbreak of fire occurred recently at the premises of Boots, Ltd., chemists, Week Street, Maidstone. It is stated to have originated in a room used for keeping waste paper. It was soon subdued.

Enemy Patents.—Licences have been granted to the British Association of Glass Bottle Manufacturers, Ltd., to use patents 7347/15 and 6900/12, and to Brunner, Mond & Co., Ltd., to use patents 17642/09, 17951/09, 14023/10, 19249/10, 19778/10, 5833/11, 5835/11, 21151/11, 28167/11, and 14509/13. T. W. and H. C. Fletcher, Redditch, are applying for a licence to use patent 3767/09 for hypodermic needles. The hearing takes place on November 28.

Royal Institution.—The ninety-fourth course of juvenile lectures founded by Faraday at the Royal Institution will be delivered this Christmas by Professor W. H. Bragg on "The World of Sound." The lectures will be given on the following days at three o'clock: Tuesday, December 30, "What is Sound?"; Thursday, January 1, "Sound and Music"; Saturday, January 3, "Sounds of the Town"; Tuesday, January 6, "Sounds of the Country"; Thursday, January 8, "Sounds of the Sea"; and Saturday, January 10, "Sound in War."

Wages-dispute.—A dispute has arisen over a demand for a 25 per cent. increase in wages at the works of Kay Bros., Ltd., manufacturing chemists, Stockport. Over a hundred girls and young women employed by the firm are on strike. One of the demands of the girls is for the recognition of their union. In ordinary circumstances the services of the girls making fly-catchers are dispensed with at the end of the summer, but this year the majority have been kept on to prepare for next year's demands. The company is said to be willing to discuss matters with employés without the medium of the union.

In the Courts.—At Royston on November 19, J. T. Webb, chemist and druggist, High Street, was fined 5*s.* for selling fireworks to a child under thirteen years of ago on November 10.—In the King's Bench Division on November 20, the Lord Chief Justice continued an action brought by Harry Gordon Everett in respect of his detention in an asylum (*C. & D.*, November 22, p. 47). The jury could not agree and was discharged, but the Lord Chief Justice said he thought it right to give effect to his view of the law. He was of opinion that the plaintiff could not maintain the action against Mr. Griffiths, chairman of the Guardians, as he had exercised judicial authority. In regard to the doctor, it was not his act that was the direct cause of the order. Therefore, although there had been no finding of the jury on the facts, he entered judgment for both defendants. The plaintiff asked whether he could have a new trial, and the Lord Chief Justice replied that he had a right to appeal.

"Artificial Daylight."—A new light, invented by Mr. George Sheringham, an artist, was the subject of a demonstration given at the Royal Society of Arts, London, on November 25. In the past, artificial light has been well worked out by numbers of people, so that it was possible, knowing the particular action of the pigments employed, for the investigators in the present instance to calculate exactly what relative proportion of various pigments to use in the reflector, in order to correct the artificial light. The Sheringham lamp has been designed to create a light which gives the true quality of daylight, so far as the distribution of intensity in the spectrum of the light is concerned. The apparatus resembles an indirect light fitting, so producing a diffused kind of light, such as would come from a window. The possibilities of the system have been to some extent worked out by Mr. L. C. Martin, the requisite distribution of colours being calculated on spectro-photometric measurements on opaque pigments, made by means of Abney's colour-patch apparatus.

Petrol Control Department Closed.—The Petrol Control Department, 20 Berkeley Street, London, W. 1, was closed on November 22. All further communications should be addressed to Mr. P. G. L. Webb, C.B., C.B.E., at the Patent Office, 25 Southampton Buildings, Chancery Lane, W.C. 2.

Irish News.

Brevities.

The Ballymoney Board of Guardians has increased the salary of Mr. R. F. Blake, analyst, who has completed twenty years' service, from 17*l.* 10*s.* to 20*l.*

Mr. J. E. Devitt, Ph.C., has opened a pharmacy at Main Street, Greencastle, Belfast. Mr. Devitt served his apprenticeship with Mr. Robert Andrew, Ph.C., Crumlin Road, Belfast, and remained with him as an assistant.

At the inaugural meeting of University College Chemical Society, held on November 19, at which Dr. D. J. Coffey (President of University College) occupied the chair, Dr. H. Ryan gave a lecture on "Irish Industry and the Prospects of Chemistry in Ireland."

Speaking at a recent meeting of the Council of the Newry Chamber of Commerce, Mr. J. E. Connor, J.P., Ph.C., complained of the difficulty in getting goods from England. Other speakers concurred, and it was decided to communicate with the Irish Department of the Ministry of Transport.

Mr. J. E. Connor, J.P., Ph.C., Newry, was one of five defendants in a recent action in the Irish Chancery Division, in which the plaintiffs, the executors of Robert Sands, a deceased Newry merchant, asked for a declaration that the defendants were liable for certain expenses incurred in the promotion of the Newry, Keady, and Tynan railway scheme, which was abandoned. Mr. Connor said it was clearly understood that he was not to be under any personal liability. The plaintiffs intimated that they did not intend to proceed further with the action against him, and it was accordingly struck out.

Cork.

The Cork Chemical Drug Co., Ltd., have been awarded the contract for the supply of medicines to the Cork Union.

The Cork branch of the Irish Chemists' Assistants' Association voted in favour of a strike, but Mr. Vincent O'Sullivan, chairman, received a telegram from the secretary of the Dublin branch (Mr. O'Kelly), stating that negotiations had been reopened.

At a recent meeting of the Public Health Committee of the Cork Corporation, Mr. O'Keefe (sanitary officer) submitted correspondence received from the Public Health Department, London, stating that the wholesale dealer who had supplied the shaving-brush, referred to in a case of anthrax, had supplied brushes of a similar make to traders in the Cork district.

Threatened Assistants' Strike Averted.

The threatened strike of the Irish chemists' assistants has been averted. The local secretary of the National Amalgamated Union of Shop Assistants, Warehousemen, and Clerks, announced on November 22 that Mr. Gordon Campbell (secretary for the Ministry of Labour) had arranged a meeting which was held at Dublin, on November 25, and at which he presided. It was attended by the chairman and vice-chairman on the employers' side, and the local secretary of the union on the employés' side for the Joint Council. The meeting considered the present difficulties and were to endeavour to promote a settlement. —A meeting of the members of the chemists' section of the Belfast centre of the National Amalgamated Union of Shop Assistants, Warehousemen, and Clerks was held on November 22 at the rooms, 5 Rosemary Street, to consider the position created by the intervention of the Ministry of Labour. There were 200 members present. After discussion it was decided to appoint Mr. Charles O'Donnell as a delegate to represent the section at the above-mentioned meeting. Pending the result of the meeting, the section is taking no further action, and the members were at work on November 24 as usual.—The proceedings on Tuesday lasted four hours, and the conference was ultimately adjourned until Wednesday. A meeting of the Assistants' Union was held on Tuesday night in connection with the conference.

Scottish News.

Brevities.

One of the oldest drug businesses in Kirkcaldy is to change hands shortly.

Mr. James Lorimer, whose death at Ecclefechan is reported, served his apprenticeship to a chemist and druggist at Carlisle. Owing to ill-health, however, he left pharmacy at an early age.

A considerable quantity of crushed linseed seems recently to have got on the market. Chemists would do well to avoid buying from unknown sources and stick to reliable wholesale houses.

A gentleman (?) has recently been doing the rounds among East Coast chemists and trying the "confidence trick." His *modus operandi* is to make a small purchase, then inquire if anyone else is on the premises as he wishes a private talk.

Edinburgh.

Dyes formed part of the cargo which the *S.S. Wermar* brought from Hamburg to Leith recently.

The Pharmacy United Football Club is advertising for "a few good players" for mid-week league matches.

A chance customer asked in a local pharmacy the other evening for "some liquid protargol, the usual strength for an injection." The chemist declined to do business.

Mr. Alex. Ireland (Raimes, Clark, & Co., Ltd.), won the final bout for welter-weights (10 stone 7 pound), at the East of Scotland Boxing Championships held recently.

Mr. Arch. S. Briggs, one of the principals of the North British Chemical Co., Ltd., Elliot, has purchased the estate of Derculich, Strathtay, Perthshire, from the Earl of Dalhousie.

One marvels to note that unopposed pharmacies in our villages are still found adhering to 8 P.M. closing. In more than one town, too, a few chemists persist in keeping open on Sunday evenings long after 7 o'clock.

"Five hundred bath sponges, 8*d.* each, come while they last," runs an offer made by a local advertiser. "Tea sweeteners, 160 for 1*s.*, or 1,440 for 8*s.*," reads like another bargain.

Excellent progress is being made in establishing a sugar beet factory in connection with the Scottish Veterans' Garden City at Longniddry, where plant is being installed by a Glasgow firm. The first crop of sixteen tons of beet raised by veterans awaits treatment.

The Edinburgh and East of Scotland section of the Society of Chemical Industry held the second meeting of the session recently, Dr. D. S. Jordan in the chair, at which a paper on "The Measurement of High Temperature" was read by Messrs. A. T. Adams and F. S. Merrils. A discussion followed the lecture, which was illustrated by lantern slides.

Glasgow.

The School of Pharmacy has arranged for a dance to be held in the Prince of Wales' Hall, Sauchiehall Street, Glasgow, on January 13, 1920, to which all past and present students are invited.

The British Science and Key Industries Exhibition (which has been in progress at the Kelvin Hall of Industries for the past fortnight) will remain open for an additional week—until December 6. Great crowds have visited it every day, and the firms represented (including those in the chemical and allied trades) report themselves as highly satisfied with the number of inquiries received. Some state that they have booked orders for months ahead.

The warehouse staff of Mr. James Taylor, wholesale druggist, 132 Trongate, Glasgow, held a social and dance in the St. Mungo Halls on November 20. Mr. Tom Taylor opened the proceedings, and tea was thereafter served. A pleasant programme of games and dancing was then engaged in by the employés and their friends.—The clerical staff held a dance in the Charing Cross Halls on November 18 under similar agreeable conditions. Both functions were highly successful.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

Quinine Committee.

The delay in publishing the findings of the Quinine Sulphate Committee has been occasioned, said Sir A. Geddes on November 20, by the necessity of considering certain legal questions connected with the publication.

Shops (Early Closing) Bill.

Mr. Pennefather, on November 20, asked the Home Secretary what further steps he proposes to take in regard to the Shops (Early Closing) Bill.

Mr. Shortt replied: The Bill referred to is a private member's Bill, and, while the Government are in full sympathy with the general objects of the Bill, they have not, as the question seems to imply, undertaken any responsibility in regard to it. The question of special facilities would be one for the Leader of the House, but I fear it is impossible in present circumstances to find time for it.

The Anti-Dumping Bill.

No date (writes our Parliamentary correspondent) has yet been fixed for the second reading of the Anti-Dumping Bill (see p. 87), but it is expected to be not later than the week after next. In the meantime there is the greatest activity among the various commercial bodies throughout the country, and among those who are giving their closest attention to the provisions of the new Bill are the National Union of Manufacturers, the British Commonwealth Union, the Association of British Chambers of Commerce, and the Association of British Motors and Allied Manufacturers.

Import Prohibitions.

Major M. Wood, on November 20, asked the Prime Minister how long imports would be restricted by proclamation under the Customs Consolidation Act; and whether provision for an indemnity against this illegal action would be taken in the Anti-Dumping Bill.

Sir A. Geddes, who replied, said: It is contemplated that the Proclamations issued under the Customs Consolidation Act which impose prohibitions of importation will remain in force until they are superseded, so far as may be necessary, by Orders under the Imports and Exports Regulation Bill which was introduced yesterday. The Government are not prepared to admit that the issue of Proclamations prohibiting imports under the Customs Consolidation Act has been illegal.

Profiteering Act.

Several questions dealing with the Profiteering Act have been asked in the House of Commons. It would be *ultra vires*, said Sir A. Geddes in reply to one questioner, to issue an Order that the Act applies to "all and every article, service or supply of human need or requirement."

Mr. Hinds, who asked whether, with a view to uniform action under the Profiteering Act, the Board of Trade will issue instructions to the Tribunals to calculate all profits on the selling price, and to take into consideration the question of replacement values and the working costs of the various businesses, was informed that the question whether further directions should be issued to local Committees to assist them in deciding the various complaints with which they are called upon to deal is at present under consideration.

Sir A. Geddes, on November 24, stated that of the 1,777 local Committees established by local authorities, only 646 have at present rendered a report to the Board of Trade. These reports show that 884 complaints have been heard (in 195 of which the retailer was held to be guilty of profiteering), and refunds to customers have been ordered in 169 cases. He was not in a position to state the aggregate amount refunded in these cases. In some sixty cases the local Committees have suspected profiteering on the part of the wholesaler or manufacturers, and have referred the cases to the Board of Trade. These are now being dealt with. From reports received local Committees have ordered prosecution of forty-one cases. No case of imprisonment has as yet been reported

The Profiteering Act.

Pharmacists Vindicated.

Writing to the "Brighton Herald" of November 22, Mr. Charles G. Yates, President of the Brighton and Hove Association of Pharmacy, corrects a slip in a local report of a Profiteering Act case. Mr. Yates writes: "It was there stated that chemists were charging 1*s.* 9*d.* for one ounce of Cascara Evacuant, whereas Messrs. Boots were charging 1*s.* 2*d.*" After pointing out that the small size of Cascara Evacuant contains 1½ oz., Mr. Yates concludes: "The Profiteering Act is an ill-conceived piece of legislation; the publicity it creates, for innocent and guilty alike, is unfortunate; and the people who are really responsible, the huge manufacturing trusts, escape."

"The Lancet" View.

Commenting on the High Court decision that dispensing is a sale under the Profiteering Act, "The Lancet" states:

The result of the judgment is to enable a profiteering committee to go into the cost of, and the charge made for, any medicine "sold," whether by a druggist or by a medical man who makes up his own prescriptions. The committee need not condemn the price as unreasonable merely because there is a substantial difference between the price of the materials and that asked of the purchaser, and, no doubt, committees, as a rule, will be found anxious to act justly towards the vendor of the "medicinal preparation" as well as to the public, in the interest of which they have been brought into being. It is possible, however, that they may not fully appreciate the question involved, which cannot be summed up by saying that a fixed percentage upon the cost price of the drugs when sold to the compounder should suffice for his profit. The question is one which affects the public intimately, for it is to the public interest that prescriptions should be prepared by thoroughly efficient persons, and anything like vexatious proceedings and harassing restrictions may have the effect of seriously diminishing the numbers of those willing to dispense at all.

Deputation of Traders.

A deputation of West End retail traders waited on Sir Auckland Geddes on November 21, and suggested that the following instructions should be issued to local Tribunals responsible for the administration of the Act:

1. That in all cases in which it can be shown that the current cost price is higher than the original cost prices, the mean between the two shall be taken as the basis upon which the rate of profit is to be calculated.
2. That in determining whether the rate of profit on any article be reasonable the average rate of profit made by the department or business (as the case may be) shall be taken into consideration.
3. That inspectors should be employed by Tribunals only in cases in which specific complaint has already been made by a member of the public; and that the names of all complainants should be disclosed, and no complaint heard unless the complainant appears in person.
4. That a schedule be prepared setting out articles of certain classes sold above certain specified prices, and that such scheduled articles be deemed luxuries, and excluded from the operation of the Act.
5. That the publication of the names of parties to pending cases be prohibited.
6. That immediate notice be given to every trader against whom a complaint is made.

Tribunals Criticised.

"The Times" has contained, during the past week, letters criticising the proceedings of local Profiteering Tribunals. One of these dealt with the Fellows's syrup case (*C. & D.*, November 22, p. 51) as follows:

It is high time that the Appeal Tribunals were set to work to revise the decisions of the profiteering committees. Experience has shown that in discussing the apparently simple question of reasonable profit several questions on which the members of a committee may differ are apt to arise frequently. For instance, in the case in which the price of goods of the kind of those bought by the complainant is at the time higher than it was when the particular goods were brought into stock, the question arises whether it is unreasonable to charge for such goods on the footing of the higher price. I observe that it has been held by a committee that a bottle of Fellows's syrup kept in stock since 1914 must be sold at the retail price then ruling, and not on the footing of the higher price at which it is now supplied to retail dealers. Of course, there will be an appeal. Meanwhile tradesmen in the districts in which that view is maintained must at their peril take care that every article of a given kind is labelled at a price based on the price ruling at the date when it was brought into stock. It may be said that in such circumstances the tradesman should charge an average price, but that also would mean that Fellows's syrup would in different shops be sold at different prices, which does not seem reasonable. When some months hence this and other such questions have been decided by a competent Tribunal, or definite rules have otherwise been prescribed for the guidance of committees, they may do their work satisfactorily. As matters at present stand, a task for which the majority of the members have no qualification is imposed on them, considerable injustice may be done, and certainly a great deal of public time will be wasted.

Another letter dealt as follows with the question of "rate of profits," as mentioned in Section 1 (2):

In ordinary practice, before the war, goods were, to a large extent, sold upon profits of so much per ton, hundredweight, stone, or pound; per gross, dozen, or single article; per gallon, quart, or pint; per sack, per bale or bundle; per yard or per piece of so many yards, irrespective of the percentage ratio of the value. In applying what is ascertained now to be the old percentage ratio to the high level of cost now current for most goods retailers really become entitled to a "rate of profit," which in many instances far exceeds that current before the war, and consequently what is termed profiteering has by the operation of the new Act become a legalised practice.

It is time that a legal decision should be given by a competent Court as to what the words in the Act really mean, or the latter will utterly fail to attain the end for which it was passed. Take as an illustration an article which cost the retailer before the war 1*s.* 8*d.* per lb. and was sold by him at 2*s.* per lb., or 20 per cent. on cost (=16⅔ per cent. on selling price). Its cost has advanced to three times pre-war level, and is now 5*s.* per lb. The pre-war profit of 4*d.* per lb. is obviously now inadequate, yielding only 6⅔ per cent. on cost; but at 20 per cent. on cost the retailer receives 1*s.* per lb. profit, an entirely unreasonable rate of remuneration. Illustrations can be multiplied indefinitely from daily experience by those conversant with the inside phases of retail trading. In point of fact it will be found upon investigation that many retailers are in practice selling their goods at a smaller percentage of profit upon cost than they charged in pre-war times, merely because the actual returns on the higher values give such an excess of profit as to render them liable to be undersold by competitors if they were to adhere to the old scale.

As a contribution regarding the working of the Act the following is interesting:

But the Act itself—a piece of hurried panic legislation—needs amendment. Perhaps its most serious defect is that it lays every trader—I have small, struggling shopkeepers in mind—open to the persecution of any member of the public who chooses to bring forward a complaint. The complaint may be absurd—the large proportion of dismissals shows that it often is absurd—yet the trader must meet the complaint, must go to the trouble and expense of attending with witnesses, extracting figures showing costs and profits, paying solicitors and counsel, and when he has proved his case and the worthlessness of the complaint, he is unable to get back a penny of costs. This is contrary to all legal procedure and to elementary justice; and it should be remedied by a provision that the Tribunals shall first investigate complaints, to see if there is a *prima facie* case, that if they think there is not, they shall not trouble the trader, but that, if they do allow the complaint to proceed, the trader shall, if successful, have his reasonable costs, the Appeal Tribunals having the like power to award costs, both there and in the Tribunal below, in the case of a successful appeal.

Complaints.

Abertillery.—At the sitting of the Profiteering Committee on November 18, Mr. T. H. Prichard, chemist and druggist, attended to answer a complaint lodged respecting the prices charged for Valentine's Meat Juice (3*s.* 6*d.*, 4*s.* 6*d.*, 4*s.*, and 4*s.* 6*d.*) on different sales. Mr. A. C. Sumption, chemist and druggist, attended on behalf of the Monmouthshire County Pharmaceutical Association. Mr. Prichard submitted that the lower charges were made at a branch shop in error, and pointed out that the retail price—4*s.* 6*d.*—gave a lower percentage profit than the pre-war retail price, the particular stock having cost 3*s.* 9*d.* each. In answer to a query concerning the cost at

the moment, Mr. Prichard suggested that taking this into consideration made his case better, since the price had now advanced to 3*s.* 11*d.* each. After the Committee had deliberated in private, Mr. Prichard was informed that the case of profiteering had not been proved, and the chairman expressed regret that it had been necessary for him to appear.

Ashford.—At a recent sitting of the Profiteering Committee a complaint concerning a sale of paraffin oil at 2*s.* a gallon was dismissed, the Committee being satisfied with the figures submitted by the respondents.

Barnes.—At a recent sitting of the Profiteering Committee, the respondent in an adjourned complaint concerning a charge of 4*d.* for 1 oz. of pepper said that he purchased the stock in question with the business last May, and finding "4*d.* per oz." marked on the drawer, believed that to be the correct price. The Committee ordered a refund of 2*d.*, and decided not to prosecute.

Barry, Glam.—At the sitting of the Profiteering Committee on November 21, a Mr. Diamond complained that he had been charged 3*s.* 6*d.* by Boots, Ltd., Holton Road, for a comb. He said that later he had purchased a better comb at a different chemist's shop for 1*s.* 9*d.* The Committee decided that only a reasonable profit had been made.

Bermondsey.—At a recent sitting of the Profiteering Committee, Mr. Robert Blackie appeared in answer to two complaints regarding sales of ½-oz. cubes of camphor, bought at his two shops in Jamaica Road, S.E. In one instance 6*d.* was charged, and in the other 5*d.* It was stated for respondent that the camphor was bought from Howards & Son, Ltd., at 14*s.* 3*d.* per lb., and was retailed out to the shops at 17*s.* 6*d.* and 16*s.* 6*d.* per lb. In the former shop 6*d.* a cube was charged, and in the latter 5*d.*, so that the retail price realised was 32*s.* and 26*s.* 8*d.* a pound respectively, showing profits of 14*s.* 6*d.* and 10*s.* 2*d.* The managers of the shops stated they were working on a partnership basis with Mr. Blackie, and they took full responsibility for fixing the prices to the customers. The Committee decided that 2*d.* should be refunded on the 6*d.* cube, and 1*d.* on the 5*d.* one, and directed a prosecution.—At the same sitting, Poingdestre & Truman, chemists, 71 Old Kent Road, were the respondents in a case regarding a charge of 1*s.* 3*d.* for a bottle of 5-gr. aspirin tablets. The purchaser said that he paid 1*s.* 3*d.* in the morning, but when his wife bought a similar bottle in the evening she was only charged 1*s.* He could buy them for 1*s.* elsewhere. Mr. Truman, chemist and druggist, said 1*s.* 3*d.* was the proper price, but that he was just closing when the second purchase was made, and charged 3*d.* too little in the hurry. The wholesale price was 12*s.* a dozen. The Committee adjourned the case for confirmation of this statement.

Birmingham.—At the sitting of the Food and Drink Sub-Committee of the Profiteering Committee on November 22, a complaint was heard against Hedges (Chemists), Ltd., Dale End, in respect of a charge of 10½*d.* for ¼ lb. of liquorice-powder. The purchaser declared that until recently he had only paid 2½*d.* per ¼ lb. for the powder from the same firm. The general manager explained that the thing was due to a misunderstanding. There were two qualities, and the complainant was presumed on this occasion to have had the better quality. The mistake was due to an assistant. The Committee ordered a refund of 5½*d.*, and decided to recommend proceedings.—At the same sitting a complaint was lodged against Saunders & Francis for charging 10½*d.* for ¼ lb. of alum, complainant alleging that the price should have been 2*d.* or 3*d.* per ¼ lb. For the defence it was stated that the best quality was asked for, the wholesale price of which was 1*s.* 9*d.* per lb., so that 10½*d.* per ¼ lb. only yielded 40 per cent. profit. A member of the Committee contended that the figures represented a profit of 100 per cent., but Mr. Pritchard, who represented the respondents, replied that this calculation was based upon the prime cost, and chaos would result if everybody estimated profit on the prime cost. The case was referred to the General Committee.—At the same sitting, a tradesman was ordered to refund ½*d.* on a charge of 3*d.* made for 1 oz. of pepper.

Brighton.—At the sitting of the Profiteering Committee on November 21, Mr. Edgar Jones, chemist and druggist, Preston Drove, was the respondent in a case of alleged overcharge. A Mrs. Merritt complained that her daughter was charged 2*s.* 5*d.* for a bottle of California syrup of figs, the proper price being 2*s.*, which was actually marked on the bottle. Mr. Jones said that the price always has been 2*s.*, even during the war. He had asked all his assistants, and not one of them could remember any purchase at 2*s.* 5*d.* The price was stamped on every bottle in plain figures. In this case he denied that any mistake had been made by an assistant, and suggested that the child had made an error in her change. It appeared that the child was first sent, with 2*s.* 6*d.* and an empty bottle, to ask for "syrup of figs," and a girl assistant gave her a bottle of Mr. Jones's own preparation and 1*s.* 2*d.* change. When the child returned she took the bottle and its contents and the 1*s.* 2*d.* change. She was then served, this time by a different girl assistant, with the California brand, and received 1*d.* change. The Mayor said the Committee decided that 2*s.* 5*d.* was charged by a miscalculation arising out of the double transaction. They were convinced that it was a genuine mistake owing to the exchange of articles, and while ordering a refund of 5*d.*, dismissed the charge of profiteering.

Dundee.—The Profiteering Committee, at its sitting on November 19, declined to deal with a complaint of an alleged charge of 3½*d.* by a chemist for a medicine-bottle for a panel patient. It was held that there was no sale, as the amount would be refunded on returning the bottle.

Ealing.—At the sitting of the Profiteering Committee on November 21, a complaint was heard against Shirtliff, Smith & Co., Ltd., 2 Elmwood Gardens, W. 3, who had charged 1*s.* 5*d.* for 1 oz. of essence of ginger in a bottle. The purchaser said that he bought 1 oz. from Boots, Ltd., for 8*d.* Mr. T. Marns, chemist and druggist, secretary of the Ealing and District Pharmacists' Association, appeared for the respondents. He produced an invoice to show that the cost of this particular lot of essence of ginger was 8*s.* 6*d.* per lb. The "Minimum Retail Price List" was next shown, the price quoted in it being 1*s.* 3*d.* per oz. This particular list, Mr. Marns explained, had been adopted by the Ealing Association, and the members had pledged themselves to regard the prices in that list as a minimum. A member of the Committee asked if Messrs. Boots' local manager was a member of the Association, and, on being told that he was, further asked if he had agreed to adopt the prices in this list. Mr. Marns replied that he did not think that the local manager had the power to arrange prices. As this manager was in the room in connection with another case, he was asked to come forward and answer a few questions. One was as to whether he pledged himself, along with the other members of the Association, to adopt the prices in this list. His reply was that all selling prices were arranged in Nottingham by Messrs. Boots' retail-price department, and that he must adhere to these prices. Not having his list with him, he could not swear to their price for essence of ginger, but he thought that it was 8*d.* per oz. Mr. Marns then asked if the essence of ginger sold at 8*d.* per ounce was the tinct. zingib. fort. of the 1835 B.P., and was told that it was. Mr. Marns proceeded to show that in 1914 the profit on the sale was 50 per cent., and the profit on this particular oz. was 56 per cent. The additional 6 per cent. could not, he submitted, be considered as profiteering, bearing in mind the very heavy increase in the overhead charges of a chemist's business. The chairman pointed out that the profit was 8½*d.* on 6½*d.*, and considered this to be very high. Mr. Marns replied that three-fourths of a chemist's turnover was taken in the sale of proprietary articles, many of which bear a profit of only 5 per cent., and the average rate does not exceed 20 per cent. As the overhead charges of a chemist's business are not less than 21 per cent., it is obvious that the rate of profit on the remainder of the turnover must be greater. The

Committee decided that 1s. would have been a fair price for 1 oz. of essence of ginger, and ordered a refund of 3d.—At the same sitting, a complaint was brought against Boots (Southern), Ltd. The complainant stated that he was charged 1s. 3d. for a tube of Euthymol tooth-paste. The wholesale price of this article for small quantities was 10s. 5d. per doz., which gave a profit of 47½ per cent. on cost, and he thought that Messrs. Boots would buy it on even better terms. Messrs. Boots were represented by a solicitor, who called Mr. Percy Sparkes, chemist and druggist, to show that the makers fixed the selling price at 1s. 3d. The invoice shown stated the cost to be 9d. a tube, net. The chairman: This tooth-paste is what you would call a proprietary article?—Yes. It bears a very high rate of profit?—Yes. In the last case did you hear Mr. Marns say that these proprietary articles bore an average profit of not more than 20 per cent.?—Yes. Do you agree with that statement?—Yes; I should think that 20 per cent. would be a very fair average. Yet in this case the rate of profit is very much higher?—This is a toilet article, and the rate of profit on such preparations is greater than on medicines; furthermore, this is one of the most profitable articles, having a ready sale. Do you believe that if your firm cut the price of this tooth-paste the makers would stop supplies?—Yes, I do. Mr. Fisk, the European manager of Parke, Davis & Co., giving evidence, showed that the present rate of profit was slightly less than the pre-war rate. The chairman: Messrs. Boots are large buyers of your tooth-paste?—They are our biggest customers. If they cut the price would your firm stop supplies?—Certainly. The chairman then said that he would like to call Mr. Marns, who was still in the room, to give evidence as a chemist. Mr. Marns was examined as follows: Do you sell this tooth-paste?—Yes. Do you buy it from the manufacturers?—Yes. On the same terms as Boots?—No, not so good. Do you understand the price to be fixed at 1s. 3d.?—Yes. Would they stop supplying you if you sold it under that price?—Yes. The case was dismissed.

Hounslow.—At a recent sitting of the Profiteering Committee a complaint was received regarding the price charged for some vials by a chemist. The Committee decided to hear the complaint. Mr. Alfred Higgs, J.P., is appearing for the respondent.

Kensington.—At a recent sitting of the Profiteering Committee, Mr. D. L. Evans, chemist and druggist, Harrington Road, S.W., was the respondent in a case of alleged overcharge on an ointment composed of calomel and vaseline; and Mr. J. F. Harrington, chemist and druggist, High Street, Kensington, was similarly cited in respect of a sale of ½ lb. of sodium bicarbonate, for which 1s. was said to have been charged on a Sunday. The respondents, together with Mr. C. H. Kirby (Neve, Beck & Kirby, solicitors), Mr. W. Johnston, Ph.C., secretary of the Chemists' Defence Association, and several witnesses, were in attendance at the Town Hall from 5 P.M. to 7.30 P.M., when they were informed that neither of the complainants had arrived, and that both cases were dismissed.

Kingston-on-Thames.—At the sitting of the Proffiteering Committee, on November 21, a complaint was laid by Mr. Walker, the respondents being Parke's Drug Stores, Ltd. The complainant alleged that he was charged 2s. 3d. for a packet of "7 o'clock" razor blades, but the price marked on them was 2s. in print and 2s. 6d. in pencil-mark. Mr. Alfred Higgs, J.P., treasurer of the Thames Valley District Pharmacists' Association, appeared for the respondents. The complainant was late. After he had stated his case, Mr. Higgs asked him if he had noticed that many articles sold in these days did not have the correct price printed on them—a railway ticket, for instance. The complainant agreed that it was so. An invoice that was put in showed that the blades cost 1s. 8d. a packet, and that the retail price was advanced on June 1 to 2s. 6d., which would yield a profit of 33 per cent. on the selling price. The Committee seemed to be under the impression that the invoice produced was subject to a discount. Mr. C. Batty, chemist and druggist, Surbiton, was called to prove that it was net cash. The Committee dismissed the case. The chairman, in announcing the decision, said that articles which had the old price printed on them should have it obliterated entirely, as two or three prices on packets tended to shake the confidence of the public.

Leslie.—At the sitting of the Profiteering Committee on November 19, a complaint was heard against Mr. Alex. Spence, chemist and druggist, High Street, who had charged 1s. 3d. for a bottle of Murray's Fluid Magnesia. It was stated that the price printed on the wrapper was "1s." The complaint was dismissed "on the ground that the profit . . . did not produce the same or as much profit to a retailer as the sale at 1s. per bottle in August 1914, and the profit at the later date was not considered unreasonable."

Lewisham.—At the sitting of the Profiteering Committee on November 21, the hearing of a complaint concerning a charge of 6d. per oz. for peppermint lozenges by a Lee chemist (*C. & D.*, November 22, p. 50) was concluded. A solicitor produced invoices to show that the lozenges were known as "curiously strong peppermint lozenges," and were supplied at 5s. per lb. wholesale to the chemist, with a stipulation that he must sell them at 6d. per oz. The Committee dismissed the case.

Leyton.—At a recent sitting of the Profiteering Committee, a complaint was made against Leightons, chemists, concerning a tin of patent food for which 1s. 6d. was charged. The complaint was that the tin was labelled 1s. The chairman said that the article was controlled up to a short time ago, but was not now controlled. The wholesalers' price had not been altered to the retailers. The complainant not having appeared after thirty-five minutes' grace the case was dismissed.

Llangollen.—At a recent sitting of the Profiteering Committee, a Mr. Powell wrote complaining that on October 31 he had dispensed by Mr. Edward D. Jones, chemist and druggist, Bridge Street, a prescription the charge for which was 3s. 6d. On three previous occasions the complainant had had the same prescription made up by other chemists, and the charge did not exceed 1s. 6d. The chairman said that the complaint before them was dated November 6, which was after the date on which the complaint should have been laid. In view of that fact he must rule that the case would be dismissed. Mr. Baynard, on behalf of Mr. E. D. Jones, stated that the complaint was correct regarding the excessive price charged. The complainant brought the prescription into the shop, and one of the items upon it, at a first glance, he read as "℥ss." instead of "ʒss." The drug in question cost 6s. an ounce. He gave the prescription to his dispenser to make up and told him to charge 3s. 6d. He then left the shop himself. He was refunding the overcharge.

City of London.—At the sitting of the City of London Profiteering Committee, held on November 26, the hearing of the complaint lodged by a Mr. Pownall with reference to the price charged by Allen & Hanburys, Ltd., chemists, Plough Court, Lombard Street, E.C., for making up a bottle of medicine from a prescription (*C. & D.*, November 22, p. 48), was concluded. Mr. Pownall produced a letter which he had received from his local chemist (who had dispensed the prescription originally for 1s. 8d., the respondents' charge being 3s. 3d.). The chemist wrote that it was hardly fair to produce figures, as he did not wish to have any friction with Messrs. Allen & Hanburys. The chairman: We can quite appreciate that he does not like to give the figures, and there is no complaint in the matter. Mr. Quarrell, for the respondents, said that since the case was last before the Committee the respondents had gone into the matter with some minuteness. He proposed to put before the Committee four price-lists, showing the charges made by different manufacturers for the drugs used in the medicine. The retail firm which dispensed the prescription at Lombard Street had to look at the question of price and decide whether

they should dispense with goods supplied from their own manufacturers, or whether they should buy in the market. He only proposed to quote the prices charged for the glycerophosphates syrup, as the chloroform water formed a minor part. One wholesale firm quoted the former at 4*s.* per lb. The chairman : That is the price you would buy as a retailer from a wholesale house—just the same as buying from your own wholesale house. Your price was 3*s.* 7*d.* per lb.?—Mr. Quarrell : Yes. The next price-list, that of a well-known firm, quotes the figure of 4*s.* per lb. The chairman : That is subject to some discount?—Mr. Quarrell : Yes, 5 per cent. in some cases. He added that in Messrs. Allen & Hanburys' price-list the drug was quoted at 3*s.* 9*d.*, but in that case they had only charged 3*s.* 7*d.*, as it was a portion of a large consignment. In the fourth price-list the figure quoted was 3*s.* 4*d.* per lb. He gave those figures in order to prove to the Committee that Allen & Hanburys, Ltd., only charged Lombard Street at a fair and reasonable figure, and that there was no attempt to make more than a reasonable profit. He called attention to a ruling delivered by Mr. Justice Darling in the High Court, who had held that it might be quite reasonable to charge 2½*d.* for an article in one place, which was sold elsewhere for 1*d.* His Lordship pointed out that a person paid much more for an article in Piccadilly than for the same thing in Bethnal Green. Mr. Quarrell also referred to the rules regarding the Committee, and said his contention was that they could only inquire into retail sales. The chairman : You are asking us to say that it is not open for us to go into the wholesale price? Mr. Quarrell : Yes; I argue that, and ask for your ruling. The actual cost of dispensing the prescription, including a proportion of the dispenser's salary and the cost of the drugs, was 1*s.* 8*d.* There was a gross profit of 1*s.* 7*d.* The chairman said that the respondents had to justify the profit they made, and added that, according to the figures given in pre-war days, the total cost of dispensing such a prescription was 10¼*d.*, and 2*s.* 6*d.* was charged. In other words, in pre-war days a profit would have been made of 1*s.* 7¾*d.* Mr. Quarrell : Against the gross profits there are the overhead charges, which in pre-war days were 1*s.* and are now 1*s.* 3½*d.* In pre-war days the net profit of the transaction would have been 7¾*d.*, and to-day the actual net profit is 3½*d.* In pre-war times the profit equalled 25.83 per cent., whereas at present it is 9 per cent. The complainant said his chemist was still prepared to make up the prescription at 1*s.* 8*d.*, and he asked the respondents whether they alleged that it was impossible for the local chemist to make it up at that price. Mr. John Netherway, secretary and a director of Allen & Hanburys, Ltd., said he did not think that a local chemist could make it up for 1*s.* 8*d.* if he had to meet the expenses which Messrs. Allen & Hanburys had to face. Mr. Quarrell further stated that the respondents had had the prescription made up by three different chemists, and they received three totally different articles. One West End chemist charged 3*s.* for dispensing the prescription. Mr. Netherway said that, if they had to go into wholesale figures, they would have to add for interest on capital and directors' fees a charge of 4*d.* a bottle to every mixture. The Committee retired to consider the matter, and, after a short absence, the chairman said that the case had given them a considerable amount of trouble in arriving at a proper decision, because there were some facts connected with it which would tend to show that there had been an unreasonable profit made somewhere. It was a little difficult to reconcile the two charges. He agreed with the contention of Mr. Quarrell that under the Regulations the Committee were precluded from going into the question of the wholesale prices. When they found a firm acting, as Messrs. Allen & Hanburys did, in a dual capacity, selling wholesale to the trade as well as to themselves in a retail business, it was necessary to treat the businesses as two distinct organisations. Otherwise it might mean that Messrs. Allen & Hanburys were undercutting their own customers by selling retail at wholesale prices. "We find," added the chairman, "that Messrs. Allen & Hanburys are not at the present time making any rate of profit which exceeds the fair average rate earned by persons in the same way of business upon the sale of these articles under pre-war conditions. Therefore, by the terms of the Act, we have to say that the case is not made out, and that the complaint must be dismissed."—At the same sitting a Mr. Cunningham made a complaint regarding the price charged at the Liverpool Street Railway Arcade branch of Boots, Ltd., for a bottle of Hooker's Malted Milk Tablets. The complainant stated that he purchased the article for 2*s.*, although the label was originally stamped 1*s.* 6½*d.* Mr. Bramall, who appeared for the respondents, stated that he had a letter from the manufacturers of the Malted Milk, who said that they had an enormous quantity of old wrappers in stock, and they felt it would be wrong to throw them away. Consequently they had supplied chemists with bottles bearing the old label, but with the addition : "War price 2*s.*" The manufacturers of the article were Messrs. Thewell, Hooker & Gilbey, and they insisted that 2*s.* should be charged. He produced the invoice, which showed that they bought at 19*s.* per doz., and they also received a discount. The chairman : What is the discount? Mr. Bramall : I will pass the invoice up. The invoice shows the price which the manufacturers charged to Boots Pure Drug Co., Ltd. The latter, as you will see, gave a very large order, which runs into four figures. Boots Pure Drug Co. invoiced this particular article to Boots (Southern), Ltd., at 2*s.* a bottle. The chairman : There is an allowance made?—Mr. Bramall : Yes. They get 20.83 per cent. profit on the selling price to the public. Mr. Norris, manager to the respondents, gave evidence bearing out Mr. Bramall's statement. The price had gone up enormously since. Major Hooker, a member of the firm of manufacturers, was also a witness for the respondents. The chairman : When you put a fresh price over the old label you realise that you are probably making trouble for yourself?—Major Hooker : We do realise that now, but during the war rises in price took place without the public making comment. We issued special tickets to customers so that they might re-label stock in hand. The chairman said the Committee were of the opinion that no unreasonable profit was made, but he felt justified in calling attention to the fact that there would be trouble as long as old labels were used.

Newcastle-on-Tyne.—At the sitting of the Profiteering Committee on November 20, Boots, Ltd., were called to answer a complaint of having charged 1*s.* 10*d.* for a bottle of sodium-citrate tablets, whereas, the complainant alleged, he had purchased on the same day from another firm the same article for 1*s.* 6*d.* It now appeared that the article supplied by Messrs. Boots was a proprietary article, and was not identical with the tablets sold elsewhere. The Committee held that there was no case, and the chairman expressed his regret that the respondents' representative had been put to the trouble of appearing.

Pontypridd.—At a sitting of the Profiteering Committee on November 20, a local resident complained that Boots, Ltd., Gaff Street, had charged 2*s.* for a bottle of Lewis's Drops, as against 1*s.* 1½*d.* before the war, and a long time subsequently. Mr. Jones, local manager to the respondents, explained that the 2*s.* charged was a protected price, and that, if the article was sold below that price, the sale would be stopped. The actual profit now was no greater than, if as great as, in pre-war days. The case was dismissed.

Salisbury.—At the sitting of the Profiteering Committee on November 18, the hearing of the complaint made against Boots, Ltd., High Street, respecting the charge of 2*s.* 6*d.* made for a comb (*C. & D.*, November 15, p. 49) was concluded. The chairman said that the Committee had very carefully considered the price charged for the comb, and had come to the conclusion that the charge of 2*s.* 6*d.* was excessive. They therefore made an order that Messrs. Boots should refund 3*d.* to the complainant. Mr. L. Ridehalgh, who appeared for Messrs. Boots, gave notice of their intention to appeal against the Committee's decision. He remarked that they had not yet heard what value had been placed on the comb by an expert.

The complainant asked whether it was laid down what percentage of profit they were entitled to. The Chairman: No, I don't think we are the body who are authorised to state what percentage should be charged. I think we are here to say as to the value between the retailer and the wholesaler.

Walthamstow.—At the sitting of the Profiteering Committee on November 22, a prosecution was directed in a case in which Kilby's Stores were alleged to have charged 3*d.* per oz. for pepper.

Wednesbury.—At the sitting of the Profiteering Committee on November 25, Boots, Ltd., chemists, Market Place, were ordered to refund 6*d.* and 4½*d.* respectively on two transactions. The story of the complainant was that he called at the shop and asked if they stocked Marshall's herbal cigarettes. Mr. James, the manager, informed him that they were sold in packets of 1*s.*, 1*s.* 6*d.*, and 5*s.* 6*d.* Witness purchased the 1*s.* size. Later, his attention was drawn to a leaflet in the packet, which stated that the price was 6*d.* Mr. W. H. Whitlock, a director of Boots, Ltd., said he wished to admit that a mistake had been made. The packet sold by Mr. James was the 6*d.* size, and it was sold by him in error, but in all good faith. The chairman said that the Committee was satisfied that an unreasonable profit had been made, and ordered the respondents to repay the excess charged.

Westminster.—At a recent sitting of the Profiteering Committee, a complaint regarding a sale of menthol snuff and cinnamon lozenges, brought against Mr. H. N. Davidge, Ph.C., 11 Shaftesbury Avenue, W.C., was dismissed, as it had not been presented within the prescribed time.—Mr. R. S. Starkie, chemist and druggist, Trafalgar Square, was the respondent in other cases, among the items mentioned being Colgate's Tooth Paste and Shaving Stick (1*s.* 6*d.* each), a tooth-brush (3*s.*), and a 10-gr. cachet of aspirin (6*d.*). The cachet was handed to the customer, together with a draught of water, for taking in the shop. These cases were dismissed. A third complaint brought against Mr. Starkie was to the effect that 5*s.* had been charged for a 4-oz. bottle of friars' balsam, which, it was stated, could be purchased elsewhere at 9*d.* per oz. For the defence it was submitted that the charge was 4*s.* 6*d.*, and a till-sheet was produced as evidence. The Committee, however, ordered a refund of 2*s.*, and directed a prosecution. Notice of appeal was given.—In another case, Mr. J. B. Tillott, Ph.C., 37 Marsham Street, S.W., was the respondent. It was alleged that he sold camphorated chalk at 1*s.* 3*d.* per ¼ lb., and quoted it at 5*s.* 6*d.* per lb. Mr. C. H. Kirby, who appeared for the Chemists' Defence Association, contended that that was current price. After invoices had been put in, the chairman remarked that Westminster Committee think that the Profiteering Act aims at preventing people who buy low from taking advantage of a rising price, and ordered a refund of 3*d.*

Willesden.—The Profiteering Committee, at a recent sitting, directed prosecution in the following cases: Charge of 1*s.*, by a chemist, for "a 4½*d.* nail-brush"; charge of 6*d.*, by a chemist, for a vacuum-flask cork; charge of 8*d.*, by a grocer, for a pint of vinegar.

Wisbech.—At a recent sitting of the Profiteering Committee, a complainant stated that Mr. W. R. Girling, Ph.C., High Street, had charged him 1*s.* for an ounce of friars' balsam with the bottle. Mr. Girling explained that his charge was 10*d.*, and 2*d.* for the bottle. If he received the same rate of profit as in pre-war times he would have to charge for the balsam 12.354*d.*, and to get the same profit on the bottle he would have to charge 3½*d.* He had invoices and vouchers to prove this statement, but if they wished to go into that he would ask that the case be heard *in camera*. According to one retail-price list (produced), the price was 11*d.* per oz. The actual list he worked upon was published by the Peterborough and District Association, which quoted 10*d.* per oz. The case was dismissed.

Woolwich.—At a recent sitting of the Profiteering Committee, Mr. A. Goldthorpe, chemist and druggist, High Street, Plumstead, was the respondent in two cases of alleged overcharging—for malt extract with cod-liver oil (2-lb. size, 3*s.* 6*d.*), and for balsam of aniseed (2-oz. bottle, 6½*d.*). The respective complainants failing to attend, both cases were dismissed.

Prosecution.

At Whitehill (Hants) Police Court, recently, the Alton Profiteering Committee summoned Mr. Herbert A. Howlett, chemist and druggist, Bordon, for selling a pair of washing gloves at 1*s.* 10½*d.*, which was alleged to be an excessive price for the quality supplied. It was explained, for the prosecution, that the Committee had ordered a refund of 9*d.* The defendant, who was represented by Mr. E. Kempson, admitted the overcharge, and attributed it to a mistake on the part of an assistant in wrongly pricing the articles in question. The retail price of these gloves (admitted to be odd ones) should have been 1*s.* 1½*d.* The usual profit in a chemist's business was 50 per cent. gross and 33 per cent. on the turnover. For the defence it was argued that justice had been done by the refund of 9*d.* A fine of 5*l.* was imposed.

Bankruptcy Report.

Re George Edward Ellis Newton, 74 Great Tower Street, London, E.C., trading as G. E. Newton & Co., chemical merchant and exporter. The creditors met under this failure at the London Bankruptcy Court on November 12. Mr. W. P. Bowyer, Official Receiver, reported that it appeared from the debtor's statements that he commenced business as above in November 1916, with a borrowed capital of 50*l.* The business throughout had been carried on the system of first obtaining orders and then purchasing the goods; they were cash transactions, so that there was no need for capital. The trading was very successful during the first eighteen months, and a net profit of 3,000*l.* was made, but about the middle of 1918, owing to the increasing restrictions on exports and the Government control over chemicals, it fell away considerably. The debtor then cut down expenses, got rid of the clerks, and managed the business himself, but it still declined, and on the signing of the Armistice ceased altogether. During that period he resorted to moneylenders, the profits of the previous eighteen months being tied up in stocks and his private house. In March last moneylenders began to press, and he sold the house and furniture in order to meet some of their claims. He also arranged to sell the business to a company, which would have taken over the liabilities, but a moneylender would not wait, and instituted these bankruptcy proceedings, a receiving order being made on October 29. At present the debtor was acting as manager of the company, at a weekly salary. No statement of affairs had been lodged, but the debtor roughly estimated his liabilities at 2,000*l.*, and had in the shape of assets 10 tons of red powdered arsenic and 313 tons of special vacuum salt, both parcels being charged to a bank against loans. He attributed his failure to loss of business through shipping restrictions, Government control of chemicals, and stagnation following the Armistice. Replying to the chairman, the debtor said he had every desire and intention to pay the creditors in full. It was possible that a friend would come to the rescue and provide anything up to 2,500*l.*, if bankruptcy could be avoided. But for the pressure of the creditor the company arrangements would have been completed, and he now was unable to submit any definite offer. A resolution was passed for Mr. David Hart, accountant, 12 Regent Street, W., to act as trustee and wind up the estate in bankruptcy, assisted by the following Committee of Inspection—viz., Mr. E. T. Warriner, Mr. F. Phipps, and Mr. C. W. Glanvill.

Retail Price-list.—The Peterborough Association of Pharmacists now issue a monthly retail price-list, a copy of which has been sent us. Mr. Chas. Hamson, 46 Cowgate, Peterborough, is the hon. secretary of the Pricing Committee. The items in the list are mainly in English, and against the articles is an indication of alterations since the previous issue.

Legal Reports.

Cream of Tartar.—Judgment was given on November 20 in a case under the Sale of Food and Drugs Acts at the Glasgow Sheriff's Court, where James Buchanan, a grocer, was charged with selling cream of tartar containing 0.003 per cent. of lead, whereas it was claimed by the prosecutor that the cream of tartar should not contain more than 0.002 per cent. of lead (*C. & D.*, November 22, p. 52). The sheriff, in dismissing the charge, reviewed the evidence, and said that cream of tartar is sold to chemists, grocers, and bakers in large quantities. Wholesale merchants sell two different qualities, the higher grade containing 99 per cent. of bitartrate of potash, and the lower grade 92 per cent. The British Pharmacopœia requires the drug to contain 99 per cent. of pure potassium hydrogen tartrate, and therefore the higher-grade article is supplied to chemists. The 92 per cent. cream of tartar is generally sold to bakers and grocers. The Sheriff here remarked that the implication of authority in the British Pharmacopœia is so strong that it would be difficult for a chemist to escape conviction did he sell as cream of tartar a substance containing less than 99 per cent. of bitartrate of potash. On the other hand, it would be difficult to secure the conviction of a baker using 92 per cent. cream of tartar. In regard to the presence of lead, the evidence shows that cream of tartar containing 0.004 per cent. is just as harmless as one containing 0.002 per cent. The question is a plain one of fact. Does the introduction into the article of lead to the extent of 0.004 per cent. render it different in nature, substance, and quality from the article demanded—namely, cream of tartar? The only answer is that it does not. It follows that a mixture of lead with the substance to an extent unavoidable by reasonable care would not render the substance something different in nature, substance, and quality from cream of tartar.

Customs and Excise Prosecution.—At the Marylebone Police Court, on November 21, Wilfred Pomerantz and George Arthur Ascott, trading as Rance & Ascott, at the National Drug Stores, 13 Prince of Wales Road, Kentish Town, were prosecuted by the Customs and Excise officials (1) for delivering immature spirits (rectified spirits of wine) without a permit, in contravention of the Spirits Act, 1880; (2) for uttering and exposing to sale a box containing backache and kidney pills without a duty stamp affixed thereto; (3) for selling methylated spirit without being licensed or authorised; and (4) for uttering and vending for sale certain medicines liable to duty without having a licence. Mr. Booth, the solicitor prosecuting for the Revenue authorities, pointed out that for the first offence the defendants were each liable to a fine of 50*l.*, for the second they were together liable to a fine of 10*l.*, for the third 50*l.*, and for the fourth 20*l.* On July 1, he said, Mr. Hall, an officer attached to the special service staff of the Customs and Excise, visited the defendants' premises, and found that fifty gallons of immature spirits had been supplied to the firm in about three weeks. Two jars of the spirit had been broken, and the contents were being used for making tinctures and hairwash; the remainder had been removed to 36 Brick Lane. The offence lay in removing the spirit without a permit, and inquiries showed that it had been removed backwards and forwards once or twice. Pomerantz was accused of removing two gallons and Ascott six gallons, but the Excise authorities happened to know that a much larger quantity—about thirty gallons—had, in fact, been removed in about three weeks. There had been a considerable amount of dealing in immature spirit lately, said the solicitor, and when this took place without the knowledge of the Customs it might well lead to a lot of trouble. The defendants were also accused of selling methylated spirit in quite a small quantity, in contravention of the Revenue Act, 1889, and of selling a 4½*d.* box of pills without a licence and without a box bearing the Revenue stamp. Counsel for the defence pleaded "Guilty" to the various offences, but urged, in mitigation, that the defendants committed them without any intention to defraud or to avoid what had been properly imposed by statute. Both of them were twenty-six years of age, and had been in the drug line ever since they left school. They started in this business only in May last, and were ignorant at the time of what they ought to have known to carry on the business. Ever since May they had tried to obtain the services of a qualified chemist, and it was only when they thought they had succeeded that they put the order through for the delivery of the pure alcohol, which was to be used in the preparation of various medicines and hairwash. When they found they were not in a position to receive it they had it transferred to 36 Brick Lane, where there was a qualified chemist, who was entitled to receive it. Had they, in fact, had a qualified chemist in their employment at the time no offence would have been committed. As to the methylated spirit, they never had more than a pint on the premises at one time, and it was absurd to think that they would have knowingly rendered themselves liable to a fine of 50*l.* when the licence to sell it cost but 10*s.* The magistrate suggested that the defendants were rather rash in taking up the business when they had no knowledge of it. That might be, said counsel, but it was a small thing, and a few shillings would have put them in order. Mr. Booth pointed out that he was able to deny some of the statements made by counsel. Mr. d'Eyncourt, the magistrate, fined the defendants 2*l.* each for the first offence, 1*l.* each for selling the methylated spirit, and 10*s.* each for each of the other two offences—a total of 8*l.*

Shops Act, 1912.—At Bow Street Police Court, London, on November 24, before Mr. Graham Campbell, Mr. Theophilus Morgan Davis, chemist and druggist, was summoned for failing, on October 29, to close his shop, 37-38 Coventry Street, W., for the serving of customers not later than 8 P.M., contrary to the Home Office Order as to the early closing of shops. John Sim, chemist's assistant, was summoned for aiding and abetting. Defendants having pleaded "Not guilty," Mr. Muskett (for the Commissioner of Police) said he could only presume they had done so with the idea of suggesting that the case came within one of the exceptions provided for in the Home Secretary's Order—that, namely, relating to the sale of medicines, surgical instruments and appliances, etc. On October 28, by direction of the Commissioner, a police officer called on Mr. Davis and cautioned him against keeping his shop open and fully lighted after 8 P.M., but he replied that he had a perfect right to do so. He carried on a considerable business as a pharmaceutical chemist, trading as Morgan Davis & Co. On October 29, the day after the caution had been given, a police officer saw a customer leave the shop considerably after 8 P.M., and, having ascertained from him what he had bought, accompanied him back to the shop, where he identified the defendant Sim as the assistant who had served him. Mr. Davis then came forward and said that he accepted all responsibility, and that the article bought—a "French letter"—was a surgical appliance. The place was brilliantly illuminated, in accordance with what appeared to be Mr. Davis's practice of breaking the regulations; there were five electric lights going in the shop itself, and five in the window. His excuse was that they were only open after eight for the sale of medicine, surgical appliances, etc. When told that he would be summoned for a breach of the Order, Mr. Davis replied that he had written to Sir Neville Macready, the Commissioner of Police, and it was true that he had so written, but it did not alter the facts. Police-sergeant Cox stated that recently a general caution was administered by direction of the Commissioner to a number of shopkeepers in regard to the necessity of complying with the Early Closing Orders. He also gave evidence as to the statements made for the prosecution. Mr. Morgan Davis said the evidence of the officer was more or less correct. He asked him if he did not see notices up—one on the door and one on the counter—to say the shop was closed except for the sale of medicine, surgical appliances, etc. Witness: No; you did not point them out to

me. Mr. Morgan Davis : They were there for anyone to see. You stated that the article purchased was not a surgical appliance? Witness : I told you I did not consider it one. Mr. Morgan Davis : And I told you I considered it was. I also told you that, having been warned the previous day, I had written to the Commissioner and the Home Secretary. Witness : You told me so. Mr. Morgan Davis : And I have had official acknowledgments of the receipt of my letters. Mr. Muskett read the letter in question, in which Mr. Davis said they only supplied, after the closing hour, medical prescriptions, hospital and surgical appliances, draughts for headache, sickness, etc. In so doing they considered they were obeying the law and doing their duty as good citizens. As to keeping the door shut and lighting up for each customer, that was impossible when sometimes there were three or four customers being served at the same time. The letter further suggested that the Lighting Orders had been cancelled, and asked for advice. Mr. Morgan Davis said he would like to have the case adjourned until he got a proper reply to his letter. Mr. Muskett : You will not get a reply. The reply is these proceedings and my presence here. Mr. Morgan Davis said he would like to clear his manager from the suggestion that the proper notices as to early closing were not put up in the shop. The Magistrate : You may take it there is no evidence that you had not the proper notices up. Mr. Morgan Davis then addressed the Court in his defence. He urged that the Lighting Order having been rescinded, he had a right to light up his premises as he liked, just as people could illuminate their advertisements of whisky and other things. As to the particular article on the sale of which the summons was based, if it was not a surgical appliance he did not know what it was. It was an appliance to prevent contagion just as much as were the doctor's gloves worn during an operation. He called this action of the police, instigated by the Early Closing Associations, not prosecution, but persecution. The defendant Sim said he had nothing to say, except that he was acting under the instructions of his employer. The Magistrate asked if there had been any convictions against Davis. Mr. Muskett : No; but I must point out that the defendant seems determined to break the law, and hence the necessity of these proceedings. The Magistrate said he did not consider the article which was sold on this occasion was a surgical appliance within the meaning of the exceptions set forth in the Home Secretary's Order. Even if it was, the conditions under which such appliances could be sold had not been complied with. Mr. Davis must pay a fine of twenty guineas and five guineas costs. Sim would be fined 40*s*.

Importation of Pyrogallol.—In the King's Bench Division, on November 26, Mr. Justice Sankey heard an important test case which raised the question whether the Government were entitled to prohibit the importation of pyrogallic acid. An action was brought by the Crown against John Brown, trading as Brown & Forth, of 10 Dolefield Bridge Street, Manchester, and Farringdon Street, London, chemical manufacturers (*C. & D.*, November 8, p. 48). The Attorney-General said this was a suit by information for the condemnation of six packages of pyrogallic acid claimed to be forfeited as having been imported contrary to the Prohibition of Imports, No. 32 Proclamation of 1919. He gathered that the real point, on a certain view of the facts, was as to whether the Proclamation was properly made. The Proclamation was dated June 25, 1919, and was made under Section 43 of the Customs Consolidation Act, 1876, which related to the importation of certain articles into the United Kingdom. That section provided that the importation of arms, ammunition, gunpowder, or any other goods might be prohibited by Proclamation, and the Proclamation laid down that, whereas it was expedient to prohibit the importation of certain goods, chemicals of all descriptions were prohibited for importation unless imported on licence given by the Board of Trade. In view of statements which had been made, continued counsel, perhaps it was right for him to observe that the conduct of the executive in that matter had been consistent from the outset. This was the thirty-second Proclamation of its kind, and since the war began, no matter what the composition or complexion of the Government had been, or who the law officers were, the interpretation put upon that section had been the same throughout. The first Proclamation prohibited importation of Belgian bank-notes, and later, unset diamonds, machine tools, and other goods had been prohibited. Nothing could be more misleading than to look on Section 43 of the Consolidation Act, 1876, as something entirely in the air and divorced from the considerations which properly arose when they remembered that the Act was a consolidating one. The Act was dealing manifestly with all goods of any kind, and began by saying that all goods may be imported unless they were prohibited, but that the importation of arms, ammunition, powder, or any other goods, may be prohibited by Proclamation or by Order in Council. The words of the section meant exactly what they said, and they did not mean any other goods of the same genus as arms, ammunition, or powder. The facts in the case, continued counsel, were not in dispute. His Lordship, referring to the contention that by Order in Council the whole of the free imports of the country could be stopped, observed that that submission might be right, but if it was it was a little astonishing. The Attorney-General submitted that a general power was given to the executive, to be exercised in times of emergency, to prohibit by Proclamation of the Order in Council, the importation of any goods. Any action under this power, which was bitterly resented by public opinion, would of course be followed by the usual Parliamentary consequence. If the Government were to arbitrarily or capriciously exercise such a power as this it could not expect support. It was an emergency power given to the executive, and never, until an emergency arose, was it acted upon. Of course if a universal power was given to prohibit importation one could easily imagine a grotesque exercise of such a power, but that really did not matter if it was reasonable that such a power, for the sake of emergency, should be given to responsible Ministers who might be trusted to act with reason and discretion. To choose a grotesque or outrageous example of the exercise of the power was really to say that under no circumstances ought one to infer that such a universal power should be given. His Lordship : There is nothing about "in times of emergency" in Section 43. The Attorney-General : The words are not there. His Lordship : You must be driven to say that they can make an Order prohibiting the importation of corn even if there is no emergency at all. Are you not bound to say that they can prohibit anything at any time where there is no emergency? The Attorney-General : Yes. Upon the words of the statute that is so. His Lordship : You must be forced to admit that is an astonishing result. The Attorney-General : You say astonishing, but your Lordship is imagining a hypothetical extreme exercise of the power. Continuing, counsel dealt with the uses of pyrogallic acid, and said that its most familiar use was for developing in photography. No one required to be told that photography was indispensable in warfare, but, more than that, this acid might be used for the production of poisonous gas, and it belonged to the same family as picric acid, which was an explosive. His Lordship : I can't quite follow that argument. If it is right, you will say that bread is the same, because soldiers have to eat it. You are saying pyrogallic acid is used in photography, and photography is used in war. The Attorney-General said his submission was that the Proclamation was lawfully made under the provisions of Section 43 of the Customs Consolidation Act of 1876, and that the acid was properly seized under the terms of the Proclamation. Mr. Wright, K.C., argued that pyrogallic acid was an ordinary commercial substance, and was used for other purposes than photography. That case turned on the construction put on the section of the Act. The real issue was whether, by the Act of 1876, which repeated an earlier Act of 1856, the Legislature had vested in the executive the absolute power, at their discretion entirely, to reverse and abrogate the policy of free imports and substitute a limited or unlimited power of restriction on imports and exports. At the hearing on November 27, judgment was reserved.

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

Fairy Dyes, Ltd. (P.C.).—Capital, 10,000*l.* Objects: To carry on the business of manufacturers of, and dealers in, dyes, chemicals, etc. R.O.: 20 Renfrew Street, Glasgow.

Lands (Wholesale), Ltd. (P.C.).—Capital, 5,000*l.* Objects: To carry on the business of chemists, druggists, drysalters, oil and colour men, etc. R.O.: 30A High Street, Coalville, near Leicester.

Callard, Ltd. (P.C.).—Capital, 5,000*l.* Objects: To carry on the business of oil refiners, electro-platers, smiths, chemists, engineers, manufacturers of implements and machinery, etc. Solicitor: H. S. Holt, 6 Gray's Inn Square, London, W.C. 1.

Nicol Rule & Co., Ltd. (P.C.).—Capital, 1,000*l.* Objects: To acquire and turn to account any processes for the manufacture of chemicals or other substances in the United Kingdom or elsewhere. R.O.: The Orchard Works, Yiewsley, Middlesex.

Darring, Croft, Brown, Ltd. (P.C.).—Capital, 3,000*l.* Objects: To acquire the property and rights of D. E. Brown in certain secret processes and formulas for the manufacture of detergents for the cleaning of clothes and other articles and for the manufacture of toilet and household soaps, etc. R.O.: 36 and 37 Queen Street, London, E.C.

Kofoh Co., Ltd. (P.C.).—Capital, 2,000*l.* Objects: To carry on the business of wholesale and manufacturing chemists and druggists, chemists' sundriesmen, manufacturers of, and dealers in, photographic materials and optological goods, etc. The first directors are: D. Norman, 269 Crosby Road, Seaforth; G. W. Black, 38 Moss Grove, Liverpool; J. Oates, 269 Crosby Road, Seaforth.

Mossley Colour and Chemical Co., Ltd. (P.C.).—Capital, 5,000*l.* Objects: To take over the business of manufacturers and merchants of colours, chemicals, paints, oils, varnishes, etc., carried on at Quickwood Works, Haddens, Mossley, near Manchester, by W. Marvel and J. Marvel, as the "Mossley Colour and Chemical Co." R.O.: Quickwood Works, Haddens, Mossley, near Manchester.

Russels (Manchester), Ltd. (P.C.).—Capital, 20,000*l.* Objects: To carry on the business of manufacturers of and dealers in asbestos and insulating material, dealers in engineers' stores, oil refiners, chemical and dye manufacturers, manufacturers of and dealers in toilet requisites, powders and pills, pitch and tar manufacturers, manufacturers of and dealers in rubber, rubber heels and rubber substitutes, etc. R.O.: Lands End Works, Rhodes, near Manchester.

The Lawrence Chemical Co., Ltd., St. Dunstan's Buildings, St. Dunstan's Hill, London, E.C. 3, intimate that the capital has been increased to 20,000*l.*, consisting of 40,000 ordinary shares of 1*s.* each and 18,000 cumulative 6 per cent. preference shares of 1*l.* each. The whole of the capital is fully subscribed.

Joint-stock Companies.—Notice is given in the "London Gazette," October 28, that the names of the undermentioned companies have been struck off the Register and the companies dissolved: Chemical Conversion Co., Ltd.; Nitrogen Recovery Co., Ltd.; Pharmacy and Drug Store Supply Association (Lancashire), Ltd.; Standard Dye Manufacturing Co., Ltd.

Sadler & Co., Ltd.—The report for the year ended June 30, 1919, states that the profit, after charging income-tax, interest on debentures and prepaid shares, and directors' and auditors' fees, amounts to 33,045*l.*; 6,825*l.* was brought forward, making 39,870*l.* The directors have set aside for depreciation 25,000*l.*, and propose a dividend at the rate of 9 per cent. per annum, less tax, carrying forward 4,221*l.*

Personalities.

Dr. J. C. Mascarenhas, F.C.S., has been elected President of the Society of Science, Letters, and Art, of London, Ltd.

Mr. E. D. Jones, chemist and druggist, Llangollen, has been appointed local administration officer of the Welsh Pensions Region.

Mr. William Briggs, chemist and druggist (retired), The Vale, Lancaster, has been appointed chairman of the Water Committee of the Lancaster Town Council.

Mr. E. Cardwell, chemist and druggist (retired), Lancaster, has been appointed chairman of the Marsh and Park Committee of the Lancaster Town Council.

Sir William Pearce, M.P. (Association of British Chemical Manufacturers), has been appointed one of the vice-presidents of the Federation of British Industries.

The following pharmacists have been appointed Acting Justices under the Lunacy and Mental Deficiency Acts: Mr. A. S. Campkin, J.P., chemist and druggist (Cambridge), and Mr. G. C. Druce, J.P., M.A., Ph.C. (Oxford).

After an absence of two years on active service in Palestine and Egypt, Mr. H. G. Grantham (Allen & Hanburys, Ltd.) hopes to resume his regular calls in Ireland early in the New Year. He thanks customers for the courtesy extended to Mrs. Grantham during his absence.

Mr. F. W. Thompson, Ph.C., having been appointed lecturer in pharmacy to the Leicester Municipal School, has resigned his positions as chief pharmacist to the Wolverhampton General Hospital and as teacher of pharmacy and materia medica to the Wolverhampton Technical School. Mr. J. M. Caley, chemist and druggist, has been appointed his successor.

Among the awards of medals by the Royal Society are the following: Royal medals to Professor J. B. Farmer, F.R.S., for his notable work on plant and animal cytology; and to Mr. J. H. Jeans, F.R.S., for his researches in applied mathematics; the Copley Medal to Professor W. M. Bayliss, F.R.S., for his contributions to general physiology and to bio-physics; the Davy Medal to Professor P. F. Frankland, F.R.S., for his work in chemistry, especially that on optical activity and on fermentation.

Alderman A. Sidney Campkin, J.P., has been re-elected chairman of the Cambridge Borough Plans Committee. Mr. Campkin's position as a public man is perhaps a unique one. For some years he has been the senior member of the Cambridge Board of Guardians (elected in the 'seventies). He is now senior member (in point of service) of the Cambridge Town Council, and is among the seniors of the borough Justices (his appointment dates from 1892); he frequently acts as chairman of that body, as also on the county Bench. Among the other distinctions held, now or in recent years, by Mr. Campkin are: Grand Master and senior trustee of the Manchester Unity; chairman of the Cambridge Assessment Committee; chairman of the Sewage Disposal Committee for the borough; chairman of the Public Library Committee; first chairman of the East Anglia Federation of Pharmacists; member of the Council of the Pharmaceutical Society of Great Britain (since 1904). Most, though by no means all, of these offices are closely connected with the social and philanthropic activities of Cambridge and district.

The latest report of the Lancashire tuberculosis officer states that the figures for the past three years show that 19 per cent. of the deaths from tuberculosis are not notified, and 26 per cent. occur within three months of notification of illness.

Where Ignorance is Bliss.—The following dialogue is reported from Wales:

Patient: I cannot read this prescription.

Doctor: It is not necessary that you should.

Patient: Well, doctor, I hope you will write your bill in the same way.

Birth.

Ferris.—At Stranorlar, co. Donegal, the wife of A. E. Ferris, M.P.S.I., of a son (John Richard).

Marriage.

Williams—Evans.—In North London, on November 18, by the Rev. Elvet Lewis, George Wynne Williams, chemist and druggist, Dolgelly, to Winnie Evans, Gwanas.

Deaths.

Bennett.—At 194 Holdenhurst Road, Bournemouth, on November 22, Mr. Frederick J. R. Bennett, a director of Ayrton, Saunders & Co., Ltd., Liverpool.

Betts.—At 52 North Street, Horncastle, on November 12, Mr. William Betts, chemist and druggist, aged eighty-two. Mr. Betts was secretary and dispenser to the Horncastle Public Dispensary for forty-four years.

Bond.—On November 11, Mr. Thomas Coate Bond, managing partner of Coate & Co., brush manufacturers, Axminster, aged seventy-six.

Bowers.—Recently, Mr. R. W. Bowers (Bowers Bros., Ltd., printers, 89 Blackfriars Road, London, S.E. 1). Mr. Bowers was a director of the company whose advertisements in The Chemist and Druggist attracted a good deal of attention in the 'nineties. He was also well known as a Freemason, a guardian, and a lecturer.

Brown.—At 109 High Street, Ryde, on November 16, Mr. Alfred Brown, chemist and druggist, aged forty-seven. Mr. Brown, who leaves a widow and two daughters, had been in business in Ryde for twenty-two years. The funeral took place at Ryde Cemetery on November 20, several local pharmacists being present to pay the last tribute.

Edgar.—At Lisburn, on November 25, Mr. Thomas Hamilton Edgar, Ph.C., Bow Street. Mr. Edgar, who served his apprenticeship at Newry, qualified in 1881. He was subsequently in business at Newry, Abbeyleix, and Lisburn.

Griffith.—At 22 Hibbert Road, Neath, on November 14, Mr. Robert Lloyd Griffith, chemist and druggist, aged thirty-nine.

Oldham.—At Claremont, Cape Colony, on October 16, Mr. George William Newitt Oldham, chemist and druggist, aged forty-six.

Spencer.—At Birmingham, on November 22, Mr. Joseph Spencer, chemist and druggist and dentist, aged sixty-seven. Mr. Spencer served his apprenticeship to his father, a West Bromwich chemist, and after enlarging his retail experience went for a time into the wholesale trade, joining the staff of Southall, Son & Dymond (now Southall Bros. & Barclay, Ltd.). He qualified in 1874, and subsequently purchased the business in Great Colmore Street, Birmingham, now carried on by Mr. Alexander Jenson, Ph.C. He was in practice as a dentist prior to the passing of the 1878 Act, and eventually relinquished his pharmacy in order to devote his whole time to dentistry. He seldom took a holiday, and, it was believed, had no hobby. He maintained friendly relations with his old colleagues in pharmacy, and was always ready to advise them in their dental undertakings. He is survived by a widow.

Withington.—At 17 Seven Sisters Road, London, N. 7, on November 20, after a brief illness, Mr. Henry Martin Withington, chemist and druggist, aged fifty-six. Mr. Withington served his apprenticeship with Shadforth & Co., chemists, Spalding, and, after gaining further experience with Plumley & Son, Bristol, qualified in 1898. Sixteen years ago he took charge of the then newly opened branch of Boots, Ltd., in Seven Sisters Road, N.; and his untiring energy, aided by a genial personality, contributed largely to the success of the establishment. He was one of the pharmacists who were instrumental in forming the North London Pharmaceutical Association in 1912. The funeral took place at Highgate on November 24, the Association being represented by Mr. G. Duncan Bowie and Boots, Ltd., by Mr. G. Morrish. Wreaths were sent by Sir Jesse Boot, Bart., and Lady Boot.

Wills.

Mr. Walter Duplock, chemist and druggist, the Pharmacy, Staplehurst, who died on September 10, left estate valued at 2,209*l.* 7*s.* 7*d.* gross, with net personalty 1,079*l.* 8*s.*

Mr. John Gordon Gow, 46 Salisbury Road, Cressingham Park, Liverpool, chemical manufacturer, who died on September 19, has left property of the value of 5,690*l.* 8*s.* 4*d.*

Mr. George Henry Gibson, chemist and druggist, 76 Wrawby Street, Brigg, who died on August 26, has left property of the value of 11,187*l.* 19*s.* 4*d.*, with net personalty 9,058*l.* 14*s.* 5*d.*

Mr. Charles Davidson Brighouse, chemist and druggist, Book Cottage, Wath Road, Pateley Bridge, Yorks, formerly of Hull, who died on October 13, left estate valued at 3,314*l.* 11*s.* 8*d.* gross, with net personalty 2,186*l.* 11*s.* 8*d.*

Mr. Frederick Wimshurst, chemist and druggist, 15 Devonshire Road, Bexhill-on-Sea, who died on June 27, left estate valued at 21,025*l.* 8*s.* 7*d.* gross, with net personalty 10,770*l.* 17*s.* 3*d.* The testator leaves the whole of the property to his wife for life, and then for his children.

Mr. Franklin Dixon, retired chemist, Mariquita, Maindee, Newport, Mon., formerly of Rhymney, Mon., who died on June 30, left estate of the gross value of 10,594*l.* 16*s.* 4*d.*, with net personalty 8,553*l.* 7*s.* 3*d.* Bequests are made to various charities, and the residue is left to the Welsh Church.

Mr. Walter Henry Dixon, chemist and druggist, 53 High Street, East Grinstead, who died on September 22, left real and personal property of the gross value of 30,040*l.* 12*s.* 3*d.* Probate is granted to his sons, Walter Robert Dixon and Percy George Dixon, of High Street, East Grinstead, chemists. He gives 100*l.*, furniture and household effects, and 500*l.* a year to his wife, and the residue of the property to his two sons.

Mr. William George Smith, 23 Wickham Way, Beckenham, Kent, and of R. W. Greeff & Co., chemical merchants, Thames House, Queen Street, London, E.C., who died on September 28, has left property of the value of 10,825*l.* 17*s.* 11*d.* The will is proved by Arthur Henry Smith, Bruce Grove, Tottenham, and Percy Alfred Smith, Kemerton Road, Beckenham, brothers. The testator leaves the whole of the estate in trust for his daughter, Elsa Mary Helen, for life, with power of appointment in favour of her children. In the event of her leaving no issue the ultimate residue goes to his two brothers, his sister, Mrs. Read, and his cousin, Edith MacFarlane.

Mr. Henry Meadows, Ph.C., Sutgrove, Stroud Road, Gloucester, who died on September 20, left estate of the gross value of 20,042*l.* 19*s.* 11*d.*, with net personalty 16,694*l.* 12*s.* 7*d.* Probate has been granted to his nephews, Mr. Thomas Henry Meadows, grocer, Stratford-on-Avon, and Mr. William Minchin, chemist, Gloucester. The testator left his premises, 15 Westgate Street, Gloucester, upon trust to pay the income therefrom to his sisters, Jane and Sarah Meadows, for life, with the remainder to the survivor for life, and ultimate remainder to his residuary estate, subject to the right of his nephew, William Minchin, to lease those premises during their lives, and to purchase them at a fair valuation thereafter. All other his property he left equally between his nephews and nieces, being children of his brothers and sisters, Thomas Meadows, John Meadows, Hannah Fisher, and Mary E. Minchin.

Trade Notes.

Whitaker's Dyes.—Mr. Robert W. Phillips, Craven House, Kingsway, London, W.C. 2, agent for Whitaker & Co.'s universal fabric dyes, is prepared to submit pattern cards and price-lists of these dyes on application.

Concentrated Cordials.—G. J. Taylor & Co., Ltd., 384 London Road, Sheffield, are introducing a range of sixteen varieties of concentrated fruit cordials suitable for hot and cold drinks or flavouring purposes.

Wellcome's Pharmacist's Diary.—Owing to the shortage of printing facilities which prevailed at the time the work should have been in progress, Burroughs Wellcome & Co. have found it impracticable to issue an edition of Wellcome's Pharmacist's Diary for 1920.

Harvey's Horse Remedies.—The prices of four of Harvey's horse remedies have been raised as from December 1. The articles affected are Harvey's embrocation, aconite powders, worm and condition powders, and red lotion. The prices (wholesale and retail) are given in an advertisement in this issue.

Vitafer prices were recently reduced as announced in the *C. & D.*, November 8, p. 58. In view of criticisms that have been made since, it should have been mentioned that Southall Bros. & Barclay, Ltd., had arranged to allow chemists a rebate on any stock held on October 31 which had been purchased from the company at the higher rate.

Iodised Throat Tablets.—Thos. Guest & Co., Ltd., manufacturing chemists, Carruthers Street, Ancoats, Manchester, issue a neat show-card (12 in. by 7 in.) to advertise their iodised throat tablets. The tablets sell at 7½*d.* and 1*s.* 3*d.* per box, and the composition is stated on the label. The tablets are in lozenge form and nicely boxed.

Employing Wounded Soldiers.—Jules Lang & Son, Charlton Works, Charlton Place, Islington, London, N., inform us that they are training wounded soldiers in the production of lamp-blown articles such as test tubes, ampoules, etc. The scope is practically unlimited, and as the business increases the number of wounded soldiers in training for this class of work will be extended.

Potter's Asthma Cure.—Potter & Clarke, Ltd., manufacturing chemists, 60, 62, and 64 Artillery Lane, London, E., have issued a nicely produced show-card to advertise Potter's asthma cure. The card (14½ in. by 10¾ in) is printed in colours, and has upon it a picture of a doctor recommending the cure to his patients. The inscription is "A Doctor's Testimony." Chemists who sell the cure should write for a copy of the show-card.

Capsotherm.—Oppenheimer, Son & Co., Ltd., 179 Queen Victoria Street, London, E.C., send us a sample of capsotherm, a special form of capsicum wool, which is much in demand during the winter. We have also examined with interest a specimen of the mullplasts which the company have devised to replace the German article. The mullplasts have been well tried in several skin hospitals and have been pronounced equal if not superior to the German plaster. There are various medicaments employed in the form of mullplasts.

Vitmar is the name of a new food which has recently been introduced by Callard & Co., food specialists, 74 Regent Street, London, W. 1. Vitmar is a pleasant-tasted paste intended as a vitalising food for invalids and children. It is specially adapted for this purpose from the fact that it contains a proper proportion of vitamines, the process for preparing the food having been worked out in the factory and biological laboratory. The combined forces of the food expert and the biologist has, in our view, been very successful. Vitmar is a product particularly suited for sale by chemists, and should be introduced to the notice of medical men who are treating difficult cases of malnutrition.

Nyal Goods.—Thomas Christy & Co., 4, 10, and 12 Old Swan Lane, Upper Thames Street, London, E.C. 4, have been reappointed agents for the American Nyal remedies and toilet articles. The market here had been depleted of Nyal goods, owing to the import restrictions necessitated by the war, so that the quantities sent over are not altogether adequate. Messrs. Christy inform us, however, that they have ample stocks of the following: Nyal's kidney pills, 6*s.* 9*d.*; Nyal's Laxacold, 9*s.* 6*d.*; Nyal's headache wafers, 11*s.* 3*d.*; Stearn's Shac, 16*s.*; Stearn's eye mo, 21*s.*; Nyal's face creams, 8*s.* 9*d.*; Stearn's Kasagra, 42*s.* (½-gallon Winchesters); Stearn's Kasagra, 16 oz. 91*s.*, 8 oz. 47*s.* 6*d.*, 4 oz. 24*s.*; Stearn's Zymole Trokeys, 16*s.* 9*d.* The prices quoted are per dozen net, except in the case of Winchesters of Kasagra, which are per Winchester.

Business Changes.

Mr. L. W. Coombes, chemist and druggist, has purchased the business of Mr. Sidney Barker, chemist and druggist, Arundel.

Reitmeyer, Calburn & Kindersley, Ltd., announce that their general offices have been removed to Crown Court, 64 Cheapside, London, E.C. 2.

P. Master & Co., druggists' sundriesmen and exporters, 5 and 6 Fowke's Buildings, London, E.C. 3, have opened a branch office at 44 Cable Street, Liverpool (Bank 3,730).

Vitamogen, Ltd., are removing their offices from 24 Holborn, London, and request that communications be addressed to their warehouse, 63 Leather Lane, London, E.C. 1.

Hale & Son, produce brokers, 10 Fenchurch Avenue, London, E.C. 3, intimate that Mr. W. B. J. Horne, who has been associated with the firm for the past fourteen years, has been admitted a partner.

Templar Malins, Ltd., Cardiff, have opened a branch in London at 103 Newgate Street, E.C. 1. It will be known as the City Dental Depôt. The departments are dental materials and dental mechanical work.

Mr. Frederic Neal, who for many years managed Needham's, Ltd., Edgware Road branch, has relinquished that position and purchased the business of Mr. Dawson, 56 Knight's Hill, West Norwood, London, S.E.

Mr. J. H. Terrington, chemist and druggist, has acquired the business of Mr. Charles Philip, pharmacist, 23 High Street, Herne Bay, who is relinquishing his pharmacy in order to devote more time to the "Standard" retail price-list.

Information Department.

INFORMATION WANTED.

104/36. "Crescent" court-plaster.
104/19. "Blossom" series concentrated perfumes.
103/58. Moore's rose bevardine.
104/10. 16-oz. and 32-oz. round-shouldered lime-cream bottles, supplies.
106/20. "Monico" toilet paper.
101/69. Lovett's pills.
101/56. "International Stock Food."
103/4. "Gem" rubber hot-water bottles.
99/19. Baume du Commandeur (4-oz. white bottles).
106/13. "Ruabine" or "Rualine" corn cure.
106/71. "Belatin."

INFORMATION SUPPLIED.

Analytical chemists, 99/1
"Antexema," 97/30
Asbestos, 95/69
Babbitt's soap, 97/27
Elastic hosiery, 96/21
Elixir senecionis comp., 106/12
Faivre's cachets, 97/1
Fishscale tincture, 94/51
Formaldehyde, 90/72
Geraudel's pastilles, 92/43
"Gonorex," 97/11
Macdonald's atlas compound, 94/43
Maignen's filter paper, 97/28
Medical Directory (publishers), 97/32
"Melrose" hair-restorer, 93/41
"Pitkeathley" mineral water, 95/56.
"Pumiline" preparations, 80/33
"Pyxol," 84/61
"Ratox" rat-poison, 94/43
Resin, 95/69
"Roneleke" hot-water bottle, 86/60
Seeger's hair dye, 76/64
Sharratt's fumigator, 94/62
Shellac, 94/51
Sodium sulphate, 90/44
"Solvo" toilet-paper, 106/20
Spermaceti, 75/49
Sponges, 62/28
Steel's gout pills, 59/71
Stencil plates, 74/65
Summer's castor-oil pills, 92/43
Tablet machinery, 73/69
"Tala" ambulance boxes, 174/25
Taupicine, 92/57
Waterbury's cod-liver oil, 62/29
Weighing and wrapping machinery for seidlitz powders, etc., 81/9
Wilkinson's sarsaparilla, 94/3

Observations and Reflections.

By Xrayser II.

After-Dinner Speeches

should not be taken *au pied de la lettre;* there is an expansive mood induced by good victuals (and Yorkshire fare, as I happen to know, is very good) which leads to exaggeration rather than precision of statement; but after even a Leeds banquet speakers should keep some measure of good sense in what they say. When Sir William Glyn-Jones indulged in the remark about "anonymous or professional critics who must criticise" he came near not only to talking nonsense, but to contradicting himself. If he really thinks such critics negligible, why does he notice them at all; and if criticism is just, what does it matter who makes it or whether it is anonymous or not? It is the quality of the criticism that matters, and that alone. And why should professional criticism be less just than that of the amateur? By all analogy it should be more so. The opinion of the lawyer on a point of law is surely of more weight than that of the layman. We might with greater reasons depreciate the speeches of professional speakers who must speak, for they must sometimes be somewhat at a loss for matter, but the critic of the Pharmaceutical Society and its doings has always enough to go upon. The speaker, however, has one advantage—he can say the same thing in a hundred different places.

The Five Groups

into which Mr. Skinner divides the chemist's business were not stated in your report. I should suppose they would be dispensing, proprietaries, sundries, drugs, and one's own preparations, whether officinal or extemporaneous. The proportion of these, and of their respective profitableness, varies greatly in different businesses. Taking my own experience as a guide I should say that the first (regard being had to the small amount done) is probably the least remunerative (that is to say, directly); that proprietaries, which form a much larger part of the business and cost little labour, are next in the ascending scale of profit; that sundries, if so handled as to avoid dead stock, are more remunerative still; that drugs, allowance being made for the smaller turnover, are the best payers of all, except the last group, which in this respect heads the list. There is here no danger of dead stock, the immediate profit is (or may be) larger, and the *kudos* accruing is the most valuable of assets. Yet this section is now, if I may judge from what I hear all round me, the least cultivated. My friends tell me it isn't worth the trouble; that the wholesale houses, Ucal and Rexall, provide them with what pays almost as well and saves them time and labour that may be better expended. Frankly, I don't believe it; I set it down to sheer laziness and lack of spirit.

The Review of the Foreign Press

brought into being by Government in the second year of the war and from mistaken considerations of economy suppressed as an official publication some months since, has been revived as a private enterprise under the old editor, and is now to be had weekly of all booksellers. The first number of the "Economic Review," which is one of its sections, the "Political Review" being the other, now lies before me. It fully justifies what Mr. Winston Churchill and Sir Auckland Geddes have said both as to the necessity of such a publication and the adequacy of this particular organ to supply the want. Nowhere else can so complete and comprehensive a view, unbiassed and accurate, of what is going on in the commercial world outside of our own borders be obtained on such easy terms. The information is given, as the phrase goes, in a nutshell; every factor required for judgment is here at hand for comparison. The most valuable feature of the "Review" is, however, its impartiality: as the editor says, "No proprietor or capitalist has any control over its impartiality, which will be guaranteed by an Advisory Council of well-known public men [whose names are given] representing the most various interests and opinions." Every person or firm whose business has anything of an international character (and whose has not?) ought to adopt it as a *vade mecum*, indispensable both as a reporter and as a guide.

A Policy of Pin-pricks,

however effective against Governments, is much less so when they turn it against the governed, a fact we see exemplified in the failure of the Profiteering Act as applied to retailers. It has not brought down prices to any appreciable extent, let Mr. Bridgeman say what he will. This is a matter of which an intelligent consumer is as competent to speak as he, and I consider my pocket and my housekeeper as good witnesses as any politician of them all. It is, moreover, estimated by a well-known economist that the cost of living had last week increased by 5 per cent. on that of the previous month or so, and we all know that it does not diminish. Can the Act be made more effective? Not unless it can be made to operate automatically against every class of trader and producer everywhere, which is practically impossible. Meanwhile any small measure of success it may have had here and there is attained at a cost of time, temper, and money out of all proportion to the result. The Act has not touched the real evil; it has not checked extravagant living, or reduced the exorbitant profits of the capitalists or the price of labour; it has not in any degree increased production or cheapened transport, nor added at all to the national wealth; nor can it do any of these things. It is a mere policy of pin-pricks, irritating the surface but not remedying the evil; it satisfies nobody, but only aggravates the public resentment of the Government's incompetence.

No New Point

of any importance in regard to the Profiteering Act has, so far as I know, arisen since I last wrote upon the subject. One suggestion, based upon Mr. C. T. Allen's method of pricing prescriptions, has indeed been made in an influential quarter, but I hardly know whether to take it seriously or not. It is that two separate and distinct charges should be made for prescriptions, one for the drugs (and containers), the other for the service of compounding them, and that the customer should be asked whether he would mix the drugs himself or pay for having it done. One wonders (1) what the doctor would say to this, (2) what the patient, and (3 what the Tribunal, but it is not very difficult to guess. The doctor's comments will not bear dwelling upon; the patient would certainly regard the thing as either a bad joke or an insult; and the Tribunal would, quite rightly, treat it as a clumsy attempt to evade the Act. Our true course—our only course—where prescriptions are concerned is to charge in accordance with the principle and custom we have always followed (only increasing our charges a little to meet new conditions), and informing the customer that our professional fee is included along with the cost of the drugs, etc. Only on condition that these terms are accepted should we consent to dispense at all; and, if necessary, a general declaration of the trade to this effect should be made.

Speaking of

Mr. C. T. Allen I am reminded of the "double" dispensing problem in your issue of November 8. What price would he charge on a lotion containing only a grain or two of hydrarg. perchlor. in 8 oz. of water? The problem of the proper container for such a lotion is surely no problem at all. I have heard a whisper that it was actually sent out in a plain bottle, but I should not have thought this possible.

In a leaflet issued by the Board of Agriculture and Fisheries concerning the use of fish-meal as a feeding-stuff for live stock, it is stated that nearly all the manufacturers in Great Britain have agreed to produce a meal from white fish only to conform with the following limits as to composition: Albuminoids, not less than 55 per cent.; phosphate of lime, not less than 16 per cent.; oil, not more than 5 per cent.; salt, not more than 4 per cent.

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LIQUORS

Editorial Articles.

Government Regulation of Trade.

In another part of this issue we give a summary of the Imports and Exports Regulation Bill which Sir Auckland Geddes introduced into the House of Commons on November 19. The Bill has already caused a ferment in the political world, and it may safely be said that it is going to be the most controversial Bill of the session. In view of the opposition threatened, it seems unlikely to pass into law during the present year. It will be remembered that in August (*C. & D.*, August 30, p. 64) the Prime Minister promised the country that he would take steps to stop the dumping of foreign goods in this country

at less than cost price, and that he would protect "key" and newly established industries which were essential for the safety of the country. The object of this Bill is to redeem the Premier's promise. An examination of the proposals shows that the trade of the merchant and importer is going to be placed more than ever at the mercy of civil servants, and considerable opposition is likely to come from this quarter, as a perusal of the complicated rules and regulations to be complied with show that these in themselves are likely to prove a great deterrent to business. For instance, Clause 5 bristles with controversial matter, as it deals with definitions of "foreign value," "import price," and "price on first sale," all of which may be open to different interpretations, particularly in regard to goods partly manufactured in one country and partly in another. As regards "key" industries, the list is substantially as printed in the *C. & D.* of August 30, and it is proposed to protect these by total prohibition of imports, except under licence by the Board of Trade. Why should it be necessary to seek fresh legislation for these "key" industries which are already protected by the Customs Law Consolidation Act, 1876? Is it because eminent legal authorities have declared that the present embargo system is unconstitutional and illegal? It is of interest to note that if an importer is refused a licence by the Board of Trade he can appeal to the Trade Regulation Committee, and in determining such licences

the Board shall have regard to the consideration whether the restriction on the importation of those goods has unduly raised or is likely to raise unduly the prices at which goods of the same class or description produced in the United Kingdom are being sold or offered for sale in the United Kingdom.

This clause will give considerable trouble, as the advancing or lowering of prices "unduly" may mean anything or nothing, although the Board is given power to fix maximum prices in the event of prices being "unduly" raised by the operation of the Act. Who is to define the meaning of the word "unduly"? It may be asked, is the price of phenacetin, now standing to-day at 16*s.* per lb., in this country unduly raised, as it can be bought in America at $2.60, and would an importer be accused of dumping if he were allowed to bring it in and so reduce an inflated price? Now that the list of prohibited imports is likely to become a permanent one, it becomes of great interest to examine the classes of chemicals referred to in the second schedule. The "intermediate products" of coal tar, for example, is a wide term. It includes some hundreds of chemicals, some of which are well-known in the drug-trade—*e.g.*, chlorobenzene, nitrobenzene, aniline, aniline salt, phenol, picric acid, *p*-amidophenol, resorcinol, benzaldehyde, salicylic acid, phthalic anhydride, beta-naphthol, and anthraquinone. It must not be understood that we claim that any of these are not needed for use in the dye industry; our object is to call attention to what we think is an indefinite term to employ in an Act of Parliament. Synthetic drugs, again, is an indefinite expression. As chemists, we usually mean a group of organic chemicals prepared from coal-tar products. Synthetic means "building up," and who could argue, for instance, that sodium iodide is not a "synthetic drug"? It is built up, or can be built up, from sodium and iodine. "Synthetic perfumes and flavourings" and "synthetic photographic chemicals" likewise require defining. It may be remarked that *p*-amidophenol (rodinal), a photographic developer, is already included as a coal-tar intermediate. "Analytical re-agents" needs defining, as many pure re-agents have medicinal uses. We think that before the Bill becomes law a conference of chemists should frame definitions of what chemicals the various expressions are intended to cover.

Price-lists and Profits.

Last week, in dealing with the persecutions of chemists that are a result of the Profiteering Act, we emphasised (on the suggestion of a subscriber) the fact that to sell an article at pre-war rate of profit is not an offence under the Act. The words of the section are repeated at the head of a comparison of wholesale and retail profits which is given elsewhere in this issue. There are roughly four classes of goods sold by chemists which are named in the two Orders issued under the Profiteering Act: (1) Drugs; (2) dispensed medicine; (3) proprietary medicines and foods and certain toilet articles; (4) druggists' sundries, such as surgical appliances, dressings, brushes, hot-water bottles, and paints. The list is not exhaustive, but is instructive from the point of view of the chemist who wishes to show that he is not exceeding the "fair average rate" of profit obtained on similar articles before the war caused the upheaval of prices. It becomes necessary, therefore, to provide some comparison between the profit on drugs in 1914 and at the present time. It is not many chemists who are prepared, at short notice, to give a correct reply as to what their profit was in 1914 on a particular drug. With a view of supplying definite information, we have compiled the above-mentioned comparison of the drugs most frequently sold in chemists' shops. It has not been difficult to deal with the wholesale and retail prices and ratios of profits at the present time, as the necessary facts are supplied by Philip's Standard Retail Price-list. We have, in fact, obtained the assistance of Mr. Charles Philip in carrying out the scheme of prices and profits. When one comes to the drug-prices current in 1914, the difficulties of the compilation increase, but we have got over them as follows: The British Drug Houses, Ltd., supplied us with a copy of the wholesale drug-list issued by the company in July 1914, and from this we compiled the first column of costs. The chief retail price-list in use in 1914 was that issued by the Liverpool Chemists' Association. Here the ounce is taken as the unit, against the pound price used in Philip's list. This Liverpool list was issued in 1909, and therefore has the defect that it was not recently compiled. The new edition was brought out in 1915, but, as the preface states that the compilers took into account the changes that had taken place up to that date since the outbreak of war, it is not suitable for a pre-war calculation of profits. Mr. Philip's list was first issued in 1915, or our task would have been a simple one. The ratio of profits given in the Liverpool list is not worked out on the same scientific lines adopted by Mr. Philip, but to make the profits comparable we have got Mr. Philip to work these out (from the data supplied by the British Drug Houses' wholesale list and the Liverpool retail list) on the same basis as he employs in the "Standard" list. In mitigation of the defect that we have mentioned (the five years' interval between the two pre-war lists) may fairly be set the fact that few retail chemists, in those days, revised their retail prices with any regularity, if at all; the comparison is therefore more exact than might appear at first sight. Tinctures and other spirituous preparations were affected by a large increase in duty subsequently to 1909, and are therefore seen in an abnormal relation; syrups, too, display remarkable variation, showing that under the old system—or want of system—proper allowance had not been made for their high specific gravity. With these exceptions, any increases that may appear in the 1919 rates of profit are negligible. It will thus be seen that we have tried to supply figures of the rates of profit that are comparable. Anyhow, we have done our best with the material available, and we think the comparison shows conclusively that chemists are not profiteers or, as the Profiteering Act puts it, do not obtain at present "unreasonable" profits. We dealt with the question of dispensed medicine last week, and are unable to report that any further progress has been made in agreeing upon a common method for pricing prescriptions. The flat rate price-lists do not help us very much here. The prices of proprietary articles are generally dealt with by the Proprietary Articles Trade Association, which, before the war, published lists of protected articles, from which the rates of profit can be calculated and compared with those ruling now. The officials of the Association will always supply the necessary figures. The fourth group is a difficult one, but we suggest that a usual and reasonable profit is 33⅓ per cent.

Comparison of Retail Prices of Drugs, 1914–1919.

Showing the wholesale and retail prices and the profit yielded to the retailer in July 1914 and November 1919.

Section 1 (2) of the Profiteering Act states:

Provided that a rate of profit which does not exceed the fair average rate earned by persons in the same way of business as the seller upon the sale of similar articles under pre-war conditions, shall not be deemed unreasonable.

July 1914				November 1919		
British Drug Houses' Price List	L'pl. Chemists' Price List	Profit per cent.	Name	Philip's "Standard" Retail Price List		Profit per cent.
Cost Price	Retail Price			Cost Price	Retail Price	
3½*d.* lb.	1*d.* oz.	66·66	Acid. acetic.	1*s.* lb.	1*s.* 10*d.* lb.	40·00
5½*d.* lb.	1½*d.* oz., 1*s.* lb.	54·17	Acid. boric. pulv.	1*s.* 3½*d.* lb.	1½*d.* oz., 6*d.* 4 oz.	33·33
10*d.* lb.	4*d.* oz.	77·08	Acid. carbolic. liq.	1*s.* 10*d.* lb.	3*d.* oz., 10½*d.* 4 oz.	33·33
1*s.* 7*d.* gal.	10*d.* pint	75·00	Acid. carbolic. black	3*s.* gal.	6*d.* lb.	33·33
3*d.* lb.	6*d.* lb.	50·00	Acid. hydrochlor. coml. ...	5*d.* lb.	9*d.* 16 fl. oz.	33·33
9*d.* lb.	1*s.* lb.	25·00	Acid. nitric. coml.	10½*d.* lb.	2*s.* 16 fl. oz.	33·33
5*d.* lb.	2*d.* oz.	79·16	Acid. oxalic. coml.	2*s.* lb.	3*d.* oz., 10½*d.* 4 oz.	33·33
9½*d.* oz.	1*s.* oz.	20·83	Acid. pyrogallic.	18*s.* 6*d.* lb.	1*s.* 9*d.* oz.	33·33
4*s.* 3*d.* lb.	6*d.* oz.	34·72	Acid. sulphuric. aromat. ...	6*s.* 8*d.* lb.	9½*d.* oz.	50·00
3*d.* lb.	6*d.* lb.	50·00	Acid. sulphuric. coml. ...	6*d.* lb.	1*s.* 5½*d.* 16 fl. oz.	33·33
1*s.* 5*d.* lb.	2*d.* oz.	29·16	Acid. tartaric. pulv.	4*s.* lb.	5½*d.* oz., 5*s.* 4*d.* lb.	25·00
3½*d.* lb.	2*d.* oz., 1*s.* lb.	41·66	Alum. pulv., No. 1	6½*d.* lb.	1½*d.* oz., 6½*d.* lb.	50·00
8*d.* lb.	2*d.* oz.	66·66	Alum. exsicc. pulv.	1*s.* 11*d.* lb.	4*d.* oz., 1*s.* 1½*d.* 4 oz.	50·00
1*s.* 2*d.* lb.	2*d.* oz.	50·00	Anthem. flor. exot.	2*s.* 10*d.* lb.	3½*d.* oz.	33·33
4*s.* 3*d.* lb.	6*d.* oz.	36·11	Aqua lavand., No. 2	14*s.* 3*d.* lb.	1*s.* 2½*d.* oz.	33·33
10*s.* 3*d.* lb.	1*s.* oz.	14·58	Bismuth. carb.	19*s.* lb.	1*s.* 9½*d.* oz.	33·33
23*s.* cwt.	1*d.* oz., 8*d.* lb.	68·75	Borax pulv. coml.	7*d.* lb.	3*d.* 4 oz., 9*d.* lb.	20·00
3*s.* lb.	1*d.* each	40·00	Camphor tablets, ¼ oz. ...	22*s.* 6*d.* lb.	6*d.* each	25·00
1*s.* 3*d.* lb.	3*d.* oz.	58·33	Capsici pulv., No. 1	1*s.* 10*d.* lb.	3½*d.* oz., 11*d.* 4 oz.	40·00
5*d.* lo.	2*d.* oz.	79·16	Carbo ligni pulv.	5½*d.* lb.	1*d.* oz.	50·00
3*s.* 4*d.* oz.	gr. iij, 1*d.*; ʒj, 6*d.*	62·96	Carmine, extra	7*s.* 6*d.* oz.	gr. iij, 1½*d.*; gr. xviij, 7½*d.*	33·33
1*s.* 9*d.* lb.	3*d.* oz.	41·66	Caryophyllum	6*s.* lb.	6*d.* oz.	25·00
2*s.* 3*d.* lb.	3*d.* oz.	35·71	Cera alb. placent.	4*s.* 6*d.* lb.	5½*d.* oz., 4 oz. 1*s.* 8½*d.*	33·33
3*s.* 10*d.* lb.	2*d.* dr.	63·19	Chloroform camph.	22*s.* lb.	4*d.* dr., 7½*d.* 2 dr.	25·00
1*s.* 1*d.* lb.	3*d.* oz.	63·88	Composition powder	4*s.* lb.	4½*d.* oz.	33·33
1*s.* 1*d.* lb.	2*d.* oz.	45·83	Conf. sennæ	3*s.* lb.	4½*d.* oz., 1*s.* 3½*d.* 4 oz.	33·33
1*s.* 1*d.* lb.	3*d.* oz.	63·88	Conf. sulphur.	3*s.* 4*d.* lb.	5*d.* oz.	50·00
1*s.* 2½*d.* lb.	1½*d.* oz., 1*s.* 8*d.* lb.	27·50	Crem. tart. pulv.	3*s.* 1*d.* lb.	4½*d.* oz., 4*s.* 2*d.* lb.	25·00
6*s.* lb.	2*d.* dr., 8*d.* oz.	25·00	Creosotum Ang., B.P.	14*s.* 3*d.* lb.	3*d.* dr. 1*s.* 5½*d.* oz.	33·33
1*s.* 1*d.* lb.	3*d.* oz., 5*d.* 2 oz.	63·88	Creta c. camph., 12½% ...	4*s.* lb.	6*d.* oz., 11½*d.* 2 oz.	33·33
5*d.* lb.	1*d.* oz., 8*d.* lb.	37·50	Creta Gallic. pulv. opt. ...	6*d.* lb.	1*d.* oz., 9*d.* lb.	33·33
4½*d.* lb.	2*d.* oz., 4*d.* 4 oz.	62·50	Creta præcip.	4½*d.* lb.	1*d.* oz., 2½*d.* 4 oz.	33·33
2½*d.* lb.	1*d.* oz., 6*d.* lb.	58·33	Creta præparata	5½*d.* lb.	1*d.* oz., 8½*d.* lb.	33·33
5*s.* 6*d.* lb.	6*d.* oz.	18·05	Eau de Cologne, No. 2 ...	13*s.* 3*d.* lb.	1*s.* 1½*d.* oz.	33·33
3*s.* lb.	4*d.* oz.	25·00	Ferri et ammon. cit.	5*s.* 6*d.* lb.	8½*d.* oz.	33·33
6*d.* lb.	4*d.* oz.	87·50	Ferri sulph. pur. gran. ...	7½*d.* lb.	1½*d.* oz.	50·00
9*d.* lb.	3*d.* oz.	72·22	Formaldehyd. liq.	2*s.* 2*d.* lb.	4*d.* oz.	33·33
2*s.* 3*d.* lb.	6*d.* oz.	53·47	Glycer. acid. tannic.	5*s.* 8*d.* lb.	9*d.* oz.	40·00
1*s.* 7*d.* lb.	3*d.* oz.	30·55	Glycer. boracis	2*s.* 6*d.* lb.	4½*d.* oz.	40·00
3*s.* 9*d.* lb.	2*d.* dr.	68·75	Hydrarg. ammon. pulv. ...	10*s.* 3*d.* lb.	3½*d.* dr.	50·00
7*d.* lb.	2*d.* oz., 1*s.* 4*d.* lb.	56·25	Hydrogen. perox., 10 vols. ...	8½*d.* lb.	1½*d.* oz., 1*s.* 6*d.* lb.	50·00
2*s.* 10*d.* lb.	9*d.* oz.	68·51	Hydroquinone	19*s.* lb.	1*s.* 9½*d.* oz.	33·33
4*s.* 6*d.* lb.	8*d.* oz.	43·75	Ichthyocoll. Braz.	14*s.* 6*d.* lb.	1*s.* 2½*d.* oz.	25·00
2*s.* 2*d.* lb.	3*d.* oz.	27·77	Insect powder	3*s.* 4*d.* lb.	4*d.* oz.	33·33
1*s.* 6*d.* lb.	3*d.* oz., 2*s.* 6*d.* lb.	40·00	Iridis rad. Flor. pulv. ...	2*s.* 8*d.* lb.	5½*d.* oz., 5*s.* 4*d.* lb.	50·00
6*d.* lb.	2*d.* oz.	75·00	Lap. pumic. pulv. lev. ...	8*d.* lb.	1½*d.* oz.	50·00

British Drug Houses' Price List	L'pl. Chemists' Price List	Profit per cent.	Name	Philip's "Standard" Retail Price List		Profit per cent.
Cost Price	Retail Price			Cost Price	Retail Price	
24*s.* cwt.	4*d.* lb.	25·00	Lini sem. cont. opt.	9*d.* lb.	1*s.* lb.	25·00
1*s.* 4*d.* lb.	4*d.* oz.	69·79	Lin. camph. ammon. meth. ...	6*s.* 8*d.* lb.	9*d.* o z.	33·33
10*d.* lb.	2*d.* oz.	60·41	Lin. saponis meth.	2*s.* 10*d.* lb.	4*d.* o z.	50·00
1*s.* 1*d.* lb.	3*d.* oz.	65·27	Lin. terebinth.	3*s.* 1*d.* lb.	5½*d.* o z.	33·33
4½*d.* lb.	1*d.* oz.	62·50	Liq. ammon.	6½*d.* lb.	1*d.* oz.	33·33
1*s.* lb.	4*d.* oz.	72·91	Liq. ferri dialysat.	1*s.* 11*d.* lb.	4½*d.* oz.	50·00
1*s.* 4*d.* lb.	2*d.* oz.	33·33	Magnes. cit. efferv., No. 1 ...	3*s.* lb.	4½*d.* oz.	33·33
1*s.* 1*d.* lb.	4*d.* oz.	72·91	Magnes. levis	3*s.* 6*d.* lb.	5½*d.* oz.	33·33
7½*d.* lb.	3*d.* oz., 6*d.* 4 oz.	52·77	Magnes. carb. levis	1*s.* 2*d.* lb.	2½*d.* oz., 8*d.* 4 oz.	50·00
9½*d.* lb.	3*d.* oz., 6*d.* 4 oz.	52·50	Magnes. carb. pond.	1*s.* 8*d.* lb.	3½*d.* oz., 11½*d.* 4 oz.	50·00
13*s.* cwt.	1*d.* oz., 6*d.* lb.	75·00	Magnes. sulphas, No. 1 ...	4½*d.* lb.	1*d.* oz., 11½*d.* lb.	60·00
2*s.* 4*d.* lb.	3*d.* oz., 3*s.* 4*d.* lb.	30·00	Maranta, Bermuda	5*s.* 6*d.* lb.	7½*d.* oz., 7*s.* 4*d.* lb.	25·00
1*s.* lb.	1*s.* 8*d.* lb.	30·00	Maranta, St. Vincent	2*s.* 2*d.* lb.	3*s.* 3*d.* lb.	33·33
1*s.* 2*d.* lb.	2*d.* oz.	41·66	Mel boracis	1*s.* 11*d.* lb.	3*d.* oz.	33·33
2*s.* 6*d.* lb.	6*d.* oz.	58·33	Myrrh. pulv.	6*s.* 8*d.* lb.	8½*d.* oz.	50·00
20*s.* cwt.	6*d.* lb.	58·33	Naphthalin. glob.	7½*d.* lb.	11½*d.* lb.	33·33
8*s.* 9*d.* lb.	3*d.* dr.	51·85	Ol. anisi	8*s.* lb.	2½*d.* dr., 1*s.* oz.	50·00
1*s.* lb.	3*d.* oz.	66·66	Ol. camph. ess. alb.	1*s.* 10*d.* lb.	3*d.* oz.	33·33
1*s.* 1*d.* lb.	2*d.* oz., 2*s.* 6*d.* lb.	58·33	Ol. carbol. 1–20...	3*s.* 3*d.* lb.	5*d.* oz., 4*s.* 7*d.* lb.	33·33
5*s.* 6*d.* lb.	2*d.* dr.	51·38	Ol. caryophylli	25*s.* 3*d.* lb.	5*d.* dr.	33·33
2*s.* 5*d.* lb.	4*d.* oz.	44·79	Ol. eucalypti	4*s.* 9*d.* lb.	6½*d.* oz.	50·00
8*s.* 9*d.* gal.	1½*d.* oz.	41·66	Ol. olivæ sublim, ...	26*s.* gal.	4*d.* oz.	33·33
8*d.* lb.	3*d.* oz.	77·77	Ol. ricini opt.	1*s.* 7*d.* lb.	3½*d.* oz.	50·00
3*s.* 4*d.* gal.	10*d.* pint	50·00	Ol. terebinth.	12*s.* 10*d.* gal	1*s.* 11½*d.* 16 oz.	33·33
8½*d.* lb.	2*d.* oz.	68·75	Paraffin. liq.	2*s.* 4*d.* lb.	3½*d.* oz.	33·33
5½*d.* lb.	1½*d.* oz.	69·44	Potass. bicarb.	2*s.* lb.	3*d.* oz.	33·33
2*s.* 2*d.* lb.	3*d.* oz.	27·77	Potass. bromid.	5*s.* lb.	7½*d.* oz.	50·00
5½*d.* lb.	1*d.* oz.	54·16	Potass. carb. coml.	2*s.* 3*d.* lb.	3½*d.* oz.	33·33
8*d.* lb.	2*d.* oz., 1*s.* 6*d.* lb.	55·55	Potass. permang.	6*s.* lb.	7*d.* oz., 9*s.* lb.	33·33
6*s.* 2*d.* lb.	1*s.* 4*d.* oz.	61·45	Rhei pulv. opt.	18*s.* lb.	2*s.* 3*d.* oz.	50·00
2*s.* 8*d.* lb.	10*d.* oz.	73·33	Rhei pulv., No. 2	13*s.* 6*d.* lb.	1*s.* 8½*d.* oz.	50·00
9*d.* lb.	2*d.* oz.	62·50	Sapo mollis. B.P.	3*s.* 2*d.* lb.	4½*d.* oz.	25·00
1*s.* 4*d.* lb.	2*d.* oz.	33·33	Sennæ fol. Tin....	2*s.* 4*d.* lb.	3½*d.* oz.	33·00
6½*d.* lb.	3*d.* oz.	81·94	Sennæ fruct. Tin.	2*s.* 3*d.* lb.	3½*d.* oz.	33·00
3*d.* lb.	1*d.* oz., 9*d.* lb.	66·66	Sodii bicarb. pulv., No. 1 ...	4½*d.* lb.	1*d.* oz., 9*d.* lb.	50·00
9*s.* cwt.	1*d.* 2 oz., 6*d.* lb.	83·33	Sodii bicarb. pulv., No. 2 ...	3½*d.* lb.	1½*d.* 2 oz., 7*d.* lb.	50·00
2*s.* 10*d.* lb.	4*d.* oz.	29·16	Sodii salicylas	6*s.* lb.	9*d.* oz.	50·00
3*d.* lb.	1*d.* oz., 1*s.* lb.	75·00	Sodii sulphas, No. 2	4*d.* lb.	1*d.* oz., 6*d.* lb.	33·33
3*s.* 4*d.* lb.	5*d.* oz.	40·00	Spirit. ammon. arom.	5*s.* 3*d.* lb.	6*d.* oz.	40·00
7*d.* lb.	1½*d.* oz.	61·11	Sulphur præcip....	1*s.* 6*d.* lb.	3*d.* oz.	50·00
2*d.* lb.	1*d.* oz., 6*d.* lb.	66·66	Sulphur sublim., B.P.	6½*d.* lb.	1½*d.* oz., 1*s.* 1*d.* lb.	50·00
1*s.* 2*d.* lb.	2*d.* oz.	25·00	Syrup. rhei	2*s.* 6*d.* lb.	5*d.* oz.	33·33
6½*d.* lb.	2*d.* oz.	64·58	Syr. scillæ, B.P.	1*s.* 3*d.* lb.	3*d.* oz.	40·00
1*s.* 2*d.* lb.	2*d.* oz.	25·00	Syrup. senna	2*s.* lb.	4*d.* oz.	33·33
8½*d.* lb.	3*d.* oz.	68·05	Syr. tolu, B.P.	1*s.* 9*d.* lb.	3½*d.* oz.	33·33
3*s.* lb.	4*d.* oz.	30·20	Tinct. camph. co., B.P. ...	5*s.* lb.	6*d.* oz.	40·00
1*s.* 8*d.* lb.	4*d.* oz.	54·16	Tinct. ferri perchlor.	2*s.* 2*d.* lb.	4*d.* oz.	50·00
5*s.* 3*d.* lb.	6*d.* oz.	22·91	Tinct. iodi mit., B.P.	8*s.* 9*d.* lb.	9*d.* oz.	33·33
5*s.* lb.	6*d.* oz.	29·16	Tinct. myrrhæ	9*s.* 6*d.* lb.	9½*d.* oz.	33·33
3*s.* 4*d.* lb.	4*d.* oz.	21·87	Tinct. quin. ammon.	5*s.* 8*d.* lb.	7*d.* oz.	40·00
3*s.* 4*d.* lb.	4*d.* oz.	15·62	Tinct. rhei co., B.P.	4*s.* 8*d.* lb.	6*d.* oz.	40·00
5*s.* 6*d.* lb.	8*d.* oz.	39·02	Tinct. zingib. fort.	9*s.* lb.	10*d.* oz.	40·00
5*s.* 3*d.* lb.	6*d.* oz.	12·50	Tragacanth. pulv.	21*s.* lb.	2*s.* oz.	33·33
3*s.* 10*d.* lb.	6*d.* oz.	36·11	Ung. gall. c. opio	8*s.* 2*d.* lb.	9½*d.* oz.	33·33
1*s.* 10*d.* lb.	3*d.* oz.	38·88	Ung. hydrarg. ammon. ...	4*s.* 3*d.* lb.	6½*d.* oz.	50·00
1*s.* 4*d.* lb.	3*d.* oz.	55·55	Ung. resinæ, B.P.	3*s.* 10*d.* lb.	5*d.* oz.	40·00
1*s.* lb.	3*d.* oz.	66·66	Ung. zinci	3*s.* 4*d.* lb.	4*d.* oz.	33·33
1*s.* 2*d.* lb.	2*d.* oz.	41·66	Vaselin. alb.	2*s.* 1*d.* lb.	3½*d.* oz.	33·33
6½*d.* lb.	1*d.* oz.	45·83	Vaselin. flav.	1*s.* 4*d.* lb.	2*d.* oz.	33·33
2*s.* 2*d.* lb.	4*d.* oz.	45·83	Vin. ipecac., B.P.	6*s.* 2*d.* lb.	8*d.* oz.	40·00
2*s.* 6*d.* lb.	3*d.* oz., 3*s.* 6*d.* lb.	28·57	Zingib. pulv., No. 1	3*s.* 6*d.* lb.	4*d* oz., 5*s.* 3*d.* lb.	33·33

Pharmaceutical Society of Great Britain.

North British Branch.

The first evening meeting of the session of the North British Branch of the Pharmaceutical Society of Great Britain was held at 36 York Place, Edinburgh, on November 21. Mr. James Jack, Ph.C., F.L.S., J.P., Chairman of the Executive, presided over a large attendance.

The Chairman, in opening the proceedings, referred to the fact that Sir Robert Christison, a distinguished predecessor of Professor Cushny, took a great interest in the early work of the Society, and often contributed to the scientific meetings. Professor Arthur R. Cushny, M.A., M.D., LL.D., F.R.S., Professor of Materia Medica in the University of Edinburgh, then delivered the inaugural sessional address, on the subject of

The Properties of Optical Isomers from the Biological Side.

The subject had been selected, said the lecturer, because the bearing of isomerism on biology should prove attractive to pharmacists. Isomers in organic chemistry are substances which possess the same constituents, but in different arrangement, and which may therefore differ radically in their properties. Optical isomers are a special form of these, which by all ordinary methods of examination appear to be identical but differ in their behaviour to polarised light. It had been known for some time (Biot) that many organic substances in solution have the power of rotating the rays of polarised light—*e.g.*, sugar, albumins, and many alkaloids. But only isolated facts had been ascertained until Pasteur took up the study of one of these bodies, tartaric acid, as his first investigation. As in everything he touched, he at once threw light upon the subject and laid the foundations on which all future work has been built. He observed that ordinary tartaric acid rotated light to the right, but, to his surprise, another sample did not rotate light at all, and differed in crystalline form from the first while resembling it in all other points. On examining this sample he found two kinds of crystals mixed in it, and picking out all those of one shape he found the resulting solution identical with ordinary *d*-tartaric acid, while the other crystals rotated light to the same extent as the dextrorotatory, but in the opposite direction; that is, he had discovered *l*-tartaric acid. These two acids were identical in all other respects, and Pasteur then laid down the rule that every optically active substance must have an isomer which rotates light in the opposite direction, but is in almost all other respects identical with the first. There are thus *l*- substances and *d*- substances. A very common occurrence is that one of these loses its optical activity altogether when subjected to slight forces, and is then found to consist of equal parts of *l*- and *d*-. Such mixtures are known as racemic, or *dl*- substances. An example of this is the second sample of tartaric acid examined by Pasteur. Later researches have shown that these optically active bodies always have an asymmetric carbon atom in their structure. For example, propionic acid $HC(H)(H)-COOH$, has no influence on polarised light, while $HC(H)(OH)-COOH$, lactic acid causes rotation. And in the latter one carbon, the middle one, has attached to it four unequal side chains (CH_3, H, OH, COOH), and is therefore termed asymmetric. All bodies with asymmetric carbon have the power of rotating light.

Optical isomers react in exactly the same way to ordinary reagents, *e.g.*, sodium tartrate has the same properties, such as solubility, melting-point, etc., whether it is left or right. The only difference to be made out between such twins by ordinary means is in their behaviour to polarised light. When, however, combinations are formed with substances themselves optically active the two tartrates differ—*e.g.*, cinchonine *l*-tartrate differs from cinchonine *d*-tartrate in solubility and destructibility by heat and in other ways. Thus a mixture of *l*- and *d*-tartrate may be separated by forming tartaric salts of cinchonine or other rotary bodies, although it is impossible to separate them by ordinary chemical reagents. This was also discovered by Pasteur.

These *l*-rotatory and *d*-rotatory substances occur only as natural products. The organic chemist, when he makes a new substance, can never make it optically active; he always arrives by his unaided efforts only at a mixture of the two isomers. He cannot make either *d*- or *l*- bodies, but only *dl*- bodies. When he wishes to divide such a *dl*- body into its optically active components he has to have recourse to such a natural product as cinchonine. No exception has been proved to this rule. No one has ever made an optically active body except by interpolating some natural product. This observation suggested to Pasteur the question how a living tissue would react with racemic bodies. He therefore grew one of the moulds—*Penicillium*—on *dl*-tartrate, and found that this previously inactive mixture became lævo-rotatory; the *Penicillium* had destroyed the *d*-tartrate and left the *l*-tartrate untouched. The living plant, therefore, discriminates between lævo- and dextro- bodies, and it does so because it is itself optically active. Very often the isomer destroyed is the one that occurs in Nature, while the other escapes. Apparently the cells are not prepared to accept man's handiwork as food readily, but only that formed by other plants; but this is not always true. When *Penicillium* is supplied with a mixture of tartrates it destroys the dextro-body only, but if it is supplied with other asymmetric substances it may destroy the lævo- form, especially if the lævo- form is that occurring in Nature. In the case of living beings of a higher order somewhat similar observations have been made—*e.g.*, *l*-tartaric acid and *l*-arabinose have been shown to undergo oxidation in the tissues of mammals much more quickly than their dextro-isomers. Thus it was found that the taste of the isomers differed—*e.g.*, the *l*-asparagin is sweet, while the *d*-asparagin is tasteless, and so on. The power of discriminating between these optical isomers is therefore not confined to the lower organisms, but is shared by the vertebrates and man.

Nearly twenty years ago Professor Prescott and Schlotterback, of the Pharmaceutical Laboratory of the University of Michigan, brought to the lecturer some pure samples of atropine and hyoscyamine for pharmacological examination. Hyoscyamine is a lævo-rotatory substance and atropine is the corresponding racemic body—*i.e.*, atropine is *dl*-hyoscyamine. Examination showed that in certain tissues the action of *l*-hyoscyamine and *dl*-hyoscyamine (atropine) is identical—*i.e.*, those tissues could not distinguish between the isomers; and, in fact, in the first experiments it appeared as if there was really no difference in action between them. But when a quantitative examination was made it was found that some tissues, while reacting in the same way, were twice as much affected by hyoscyamine as by atropine—for example, the peripheral nerve ends, whose paralysis arrests sweating and salivation, dilates the pupil, and so on.

Thus in these tissues, if the action of *l*-hyoscyamine be represented by *l*-H and the dextro-isomer by *d*-H, the equation is *l*-H=2 atropine=*l*-H—*d*-H, and therefore *d*-hyoscyamine appeared to be inactive. On the other hand, atropine was more active upon the frog's spinal cord than hyoscyamine, and therefore *d*-hyoscyamine appeared to be stronger than *l*-hyoscyamine on this organ. Some *d*-hyoscyamine was obtained, and experiments with it confirmed this view, for it acted more strongly on the frog's spinal cord, while it had only about $\frac{1}{50}$ of the power of the *l*-isomer on the peripheral nerve ends.

Another pair of isomers of a similar kind is hyoscine, a lævo-rotatory substance, which was compared with racemic (or *dl*-) hyoscine, and the results showed similar differences. In the brain of man no difference could be found between them, but in the peripheral organs the *l*-hyoscine was twice as active as the *dl*-hyoscine, and

it could be argued that *d*-hyoscine is practically inactive. Adrenalin, the active constituent of the suprarenal body of animals and man, was isolated by Abel and Takamine, and is made artificially. The synthetic product was said to be identical with the natural substance. The lecturer found, however, that the natural alkaloid is almost exactly twice as powerful as the artificial one. This proved to be another case of optical isomerism. On examining the two samples by the polarimeter the natural base was found to be lævo-rotatory, while the synthetic was inactive. The foregoing points were illustrated by three charts exhibited.

The importance of the optically active bodies is obvious when one compares such a series as the tropeines. These are homologues of atropine formed by combining tropine with various acids, some of these acids being optically active and others being inactive. The pharmacological activity of the resulting tropeine is enormously enhanced by the presence of an asymmetric carbon in the acyl, the resulting optically active tropeine being much more powerful pharmacologically than the compounds with inactive acids. The same is true of the adrenalin homologues; those which contain asymmetric carbon—*i.e.*, those which rotate polarised light—are much more powerful than their near relations which are optically inactive. So far only some tissues appear to be able to differentiate between the isomers—*e.g.*, the mammalian brain seems to be acted upon equally by the opposed isomers as far as is yet known. Similarly, muscle seems to be little influenced by the direction of rotation of these bodies. The organs which are most susceptible as far as is known at present are the nerve ends. For example, the difference in taste between some of these isomers is due to the action on the end organs of the tongue, and the end organs on which atropine and adrenalin act also seem able to differentiate more clearly between these isomers than other parts of the animal. The difference in reaction to cinchonine between the two tartaric isomers is exactly parallel to the difference in reaction of the vessels and the heart to the two adrenalin isomers, because cinchonine and the tissues are all alike optically active. This optical activity is in fact the most persistent evidence of life which we possess. An optically active alkaloid or acid may be kept for centuries after the plant which formed it and the chemist who isolated it are dead, but it will still possess its optical activity, testifying that it was formed by some living thing either directly or indirectly. When we find an optically active substance in the earth we may know at once that it arose through the agency of life. The petroleum we burn, for example, must have arisen from living tissues, for it is optically active. We are constantly urged to investigate practical problems and not to engage in these fine-drawn questions which appear to have no relation to any human interest. Let us learn from Pasteur's work that no piece of accurate knowledge is to be regarded as trifling. All the great discoveries have begun by investigations which, to the onlooker, appeared devoid of any importance.

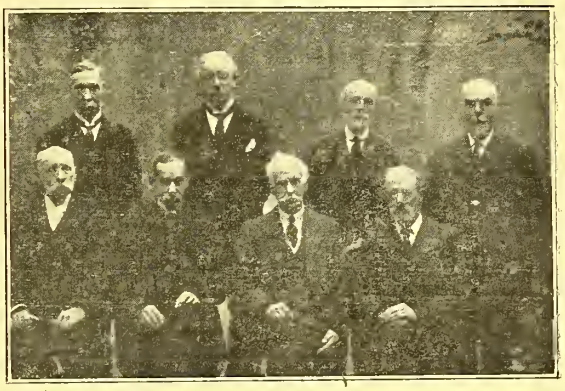
Professor G. Barger, M.A., D.Sc., F.R.S., Professor of Chemistry in relation to Medicine in the University of Edinburgh, moved, and Mr. J. Innes Fraser, Ph.C., seconded, a vote of thanks to Professor Cushny.

Deed of Arrangement.

Richards, Frederick Henry. 57 and 59 Dudden Hill Lane, Willesden, drug-store proprietor. Trustee, P. S. Booth, 31 Kimberley House, Holborn Viaduct, London, E.C., accountant. Dated November 20; filed November 22. Liabilities 819*l.*; estimated net assets 1,164*l.* Among the creditors are: Allen & Hanburys, Ltd., 21*l.*; Ashton & Parsons, Ltd., 14*l.*; A. Bishop, Ltd., 11*l.*; The British Drug Houses, Ltd., 72*l.*; Cerebos, Ltd., 13*l.*; Ford, Shapland & Co., Ltd., 14*l.*; Houghtons, Ltd., 11*l.*; H. & F. Kirby & Co., Ltd., 20*l.*; Kodak, Ltd., 44*l.*; Lysol, Ltd., 10*l.*; London Essence Co., Ltd., 14*l.*; H. Mills, 40*l.*; Sangers, 85*l.*; Scholl Manufacturing Co., Ltd., 15*l.*; Vinolia Co., Ltd., 17*l.*; Wellington & Ward, 15*l.*; W. B. Cartwright, Ltd., 17*l.*; J. Richardson & Co., Ltd., 45*l.*; J. F. Wilkinson, Ltd., 21*l.*; Wigglesworth, Ltd., 15*l.*

Maw's Veterans.

The House of Maw is famed for its veteran workers, and some time ago we published particulars of the number in the employ of S. Maw, Son & Sons, Ltd. The jubilee has just taken place of another member of their warehouse staff, Mr. F. J. Stevens. As is customary in such matters, the company presented Mr. Stevens with a cheque; and he also received from the staff a gold watch and chain. With this latest addition to their jubilee staff, Messrs. Maw have in their service eight employés who have completed fifty years' service. We give here a photograph of the group which must, we think, be unique in



The names reading from left to right are: (*Top*): J. C. Elms, J. Denton, F. J. Stevens, W. J. Williams (*Bottom*): W. J. Ridley, Wm. Brooks, Geo. Wilshaw, A. W. Musgrove.

the history of City houses. The following list shows the members of the staff who have completed fifty years of service with the firm since its formation by Mr. Solomon Maw over a century ago:

Name.	Jubilee.	Name.	Jubilee.
— Gudgeon	1861	* Geo. Wilshaw ...	1915
Tom Martin, sen. ...	1864	* W. J. Ridley ...	1915
Tom Martin, jun. ...	1894	J. Pillar	1916
J. Bayley	1888	* W. J. Williams ...	1916
T. Masters	1901	* Wm. Brooks	1918
* J. Denton	1910	* A. W. Musgrove ...	1918
Charles Martin ...	1911	* J. C. Elms	1918
W. M. Leplastrier ...	1914	* F. J. Stevens ...	1919
		G. Bailey	1919

The asterisks indicate those who are still in the company's service, the *doyen* being Mr. John Denton, with fifty-nine years to his credit.

Gazette.

Bankruptcy Acts.

Adjudication.

Newton, G. E. E., 74 Great Tower Street, London, lately at 203 St. James's Road, Croydon, wholesale chemist.

Partnership Dissolved.

Pain, E., and Pain, A. W., 52 High Street, Sevenoaks, chemists and opticians, under the style of Pain & Powell.

A Chamber of Commerce has been formed at Rhyl.

"Which, being Interpreted."—A provincial paper's report of a recent law-case begins as follows: "'Lem limi contas opt,' which, being interpreted, means crushed linseed of the very best quality."

Surplus Stock?—The following dialogue is reported from Scotland:

"You seem fond of the druggist's little boy?"

"Yes, he kin git all the pills he wants fer our air-guns."

(ii) Synthetic perfumes and flavourings, synthetic photographic chemicals, synthetic tannins, esters and acid derivatives of aromatic hydrocarbons, alkaloids and their salts (except quinine), and the following organic chemicals: Acetamide, acetic acid, acetic anhydride, acetyl chloride, camphor bromide, cinnamic acid and its salts, ethylene bromide, formamide, formic acid and its salts, gallic acid, lactic acid and its salts, nuclein, paraldehyde, pyrogallic acid, saccharin or other substances of like nature or use, salicin, thymol.

(iii) Analytical reagents and the following fine chemicals: Barium compounds, cerium fluoride and fluorides of other rare earth metals, hydrosulphites and allied bleaching compounds, hypophosphorous acid, iron and ammonium citrate, iron tartrate, molybdic acid and its salts, phosphorus oxides and halogen compounds, salts of per-acids and artificial peroxides, silver nucleinate and proteinate, tungstic acid and its salts.

(3) Optical glass, including lenses, prisms, and like optical devices.
(4) Scientific glassware.
(5) Illuminating glassware.
(6) Laboratory porcelain.
(7) Scientific and optical instruments.
(8) Potassium compounds.
(9) Tungsten powder and ferro-tungsten.
(10) Zinc oxide.
(11) Lithopone.
(12) Arc lamp carbons and carbon electrodes.
(13) Magnetos and permanent steel magnets.
(14) Hosiery latch needles.
(15) Gauges.

Part II.

(1) Thorium nitrate.
(2) Gas mantles and gas mantle rings.

There have been no additions to this list since it was published in the *C. & D.* of August 30 (p. 64).

Organising the Drug-trade.

Drug-Union Meetings.

At a recent meeting of the Wolverhampton branch of the Amalgamated Society of Pharmacists, Drug and Chemical Workers a resolution was passed that employés in the drug-trade should be paid wages equal to the pre-war standard, and a wages-scale was drawn up and approved.

A meeting of the newly formed London stores branch of the Amalgamated Society of Pharmacists, Drug and Chemical Workers was held on November 14. This section has been formed expressly to advance the interests of employés in the drug departments of London stores. The rate of remuneration in these establishments is alleged generally to be unsatisfactory, and it is anticipated that the extension of the union's activities to this sphere will be of great assistance. Demands have already been lodged with the directors of the Army and Navy Stores, Ltd., for the recognition of the following minimum rates, for a forty-four hours week, exclusive of all bonus or commission: Pharmacists, 5*l.* 5*s.*; unqualified assistants, 3*l.* 15*s.* to 4*l.* 10*s.*

The Scottish Divisional Council invited the Scottish Federation to meet them on November 23 and discuss the question of wages, hours, etc., in Scotland, in order to bring about stabilisation. Messrs. Skinner and Hawkins (representing the Union Executive) joined with the Scottish representatives from all the retail branches at a meeting in Glasgow. An interesting debate ensued, and the Scottish Federation General Purposes Committee agreed to submit the suggestions, slightly altered by discussion, to their Executive at the next meeting. It is hoped that this will provide the nucleus for future consolidation of assistants' wages.

A meeting of the London pharmacists' branch of the Amalgamated Society of Pharmacists, Drug and Chemical Workers was held at the Progressive Pharmacy Club, London, on November 18, at which the recent decision in the High Court that dispensing of medicines is a sale was discussed. The meeting finally agreed that "a chemist who dispenses and sells medicines functions in a dual capacity as producer and distributor, and should therefore be fully entitled to claim separate remuneration upon each count." The low rates of wages alleged to be paid to fellow-members at Cheltenham, and employed by "Ucal," came in for much adverse criticism. The negotiations between the Drug Union and the United Chemists' Association, Ltd., for placing into operation the Union's national wage rate have broken down, with the result that a ballot is now being taken by the staff upon the question of withdrawing their labour.

Mr. A. J. Gillian, general organiser of the Amalgamated Society of Pharmacists, Drug and Chemical Workers, addressed a meeting of the Bradford branch on November 24. Mr. G. H. Etchells presided. Mr. Gillian advocated the speedy development of the organisation in Bradford, so that the Union's minimum wages for public dispensers and managers and assistants in the retail trade can be insisted upon. Those in the retail trade, he said, must change their idea of their own standing. It was because of that idea that they are now struggling to get into a position merely as good as that before the war, whereas other classes of workers are bettering their position. Both the retail men and the public dispensers must join hands with wholesalers, so that the united forces can control the trade from production to distribution. The masters will object that the trade cannot bear the new terms; but the reason the wages sound high to some chemists is because so few chemists know how properly to conduct business, and not because the trade is unstable. There is sometimes difficulty, he said, with assistants who hope some day to be masters and do not relish the idea of themselves having to pay the new wages. He considered that the chances of an individual becoming an employer get less every week under modern conditions, and the bulk of those now employed in the trade are doomed to be employés for life. The only way to get their requirements is to organise in big groups, and it is not to be expected that the organised groups will wait until the whole country is organised before taking action on their own behalf. That was why the branches are asked to decide their own time of action, instead of waiting for instructions from the national Executive, which is only there to carry out the branches' instructions. He did not think assistants in other towns would come as substitutes in place of their fellows who found occasion to cease work, and explained the steps necessary to counteract this possibility. Mr. W. Sutcliffe noted with regret the atmosphere of "down tools" as a remedy. He thought the Bradford master chemists will be willing to consider seriously any proposition put before them. As to the strike threat, they have to remember that pharmacists are public servants. At the same time they are not public slaves, and must have a proper remuneration for their service. He objected to the idea of local action rather than national. The stumbling-block in wages and other questions is that pharmacy is both a profession and a trade. Mr. Gillian, in reply, said if the Bradford masters are as suggested, the work in that city will be easy. The movements must be local until the whole craft is fully organised.

N.A.C.A. Meetings.

At a meeting of the Leeds branch of the National Association of Chemists' Assistants, held on November 11, the report of the Executive was adopted, with slight modification of the wages-scale.

A meeting of the Hull branch of the National Association of Chemists' Assistants was held on November 12, the President (Mr. L. S. Sellé) in the chair. Mr. Budden (National Cash Register Co.) gave a lecture, illustrated by lantern-slides, on *Welfare Work for Employés* and *The Art of Window Dressing*. The lecturer showed some pictures of prize windows, illustrating the error of overcrowding a window.

Eureka!—"A chemist's business," writes a medical man in "The Western Press," "is different to an ordinary one where merchandise is sold, as it pertains to the health of the nation."

Festivities.

Presentation to Chesterfield Pharmacist.

On November 18 the Chesterfield Pharmacists' Association gave a dinner at the Falcon Café in honour of Mr. J. H. Toplis (Old Brampton), who recently resigned the secretaryship of the Early-closing Association owing to ill-health. He was the pioneer of the early-closing movement for chemists. The President (Mr. J. H. Wilbourn) occupied the chair, and presented Mr. Toplis, on behalf of the members, with a gold watch as a token of appreciation, expressing the hope that he (Mr. Toplis) would speedily be restored to health. Mr. Toplis, in his reply, gave some reminiscences of his efforts made about thirty years ago to foster early closing. The meeting afterwards considered minimum retail prices.

Dinner to Mr. J. Rymer Young.

The Warrington Chemists' Association gave a complimentary dinner on November 20 to the President, Mr. J. Rymer Young, J.P., at which Mr. J. S. Hill presided. Mr. Young, in replying to the many tributes paid to him, referred to the progress of pharmacy since the time of the apothecaries and alchemists, and urged the members to maintain the dignity and integrity of the profession. Mr. Deakin (Northwich), who responded to the toast of "The Pharmaceutical Society," spoke of the Society's efforts on behalf of pharmacists and also of the work of the Local Associations Executive. He warned members against supporting any new organisation until the present one has proved unequal to its task. Musical items and recitations were rendered at intervals, and contributed to the enjoyment of a most successful dinner.

A Bohemian Concert.

Fassett & Johnson, Ltd., held their third annual Bohemian concert (postponed from 1914) at the Cannon Street Hotel on November 22. The concert, which was a great success, was attended by about 220 members of the staff and their friends. Mr. L. O. Johnson acted as chairman, and Mr. R. R. Hunting as vice-chairman. Miss Johnson (daughter of the chairman) contributed four songs. Mr. Rubeck gave a pianoforte solo, and Mr. A. Barton Kent recited "The Road to Mandalay." Other artists who contributed to the success of the evening were the Misses Atkins and Bertram, Messrs. Johnson, Gower, Perry, Jackman, Montague, and Tomkins; Mr. Kift was musical director. Mr. Johnson, in acknowledging a vote of thanks, said it gave him great pleasure in being among his employés in their social gatherings. Misses Atkins and Stevenette, Messrs. A. R. Smith, S. H. Jones, and H. M. Kennett were the organising committee.

Evans' Ex-Service Men's Reunion.

On November 22 about one hundred ex-Service members of Evans Sons Lescher & Webb, Ltd., met at the Washington Hotel, Liverpool, for an initial reunion, which took the form of a hot-pot supper and smoker. The chair was occupied by Lieut.-Colonel G. M. McLoughlin, T.D., who, after the loyal toast, asked them to drink to themselves; in other words, the "Service Boys." Some few weeks ago, he said, Mr. McAdam and one or two others suggested that a reunion should be held of the men who had joined the Army and had now returned. The idea was that if possible they should embody the idea of the "Old Boys" and make it something stable, say in the nature of a club. From that club, perhaps, they would be able to arrange dances, whist-drives, rambles, etc. After referring to those who unfortunately had not returned, and also to his experiences in the Army, he hoped this would be the forerunner of many such happy meetings. The following contributed to an excellent musical evening: Messrs. Hampson, Such, Smith, Moran, Collinson, Johnson, Shaw, and Nicholson.

Sheffield Chemists' Annual Dinner.

The annual dinner of the Sheffield Pharmaceutical and Chemical Society was held at the Royal Victoria Hotel on November 19. Mr. Ernest Preston presided, and was supported by the Lord Mayor, Mr. T. W. Casey, M.P. for Attercliffe, Mr. W. E. Hart, O.B.E. (Town Clerk and Clerk to the Insurance Committee), Mr. T. G. Hines (York), member of the Pharmaceutical Council, Dr. O. H. Hudson, and others. Mr. T. W. Casey, M.P., proposed the Pharmaceutical Society. Mr. Hines, who replied, said that he had never yet appeared as apologist for the official policy of the Society. He referred in brief terms to the position of pharmacists in the Army and to the by-law which he regarded as the starting-point of new trouble. He touched also on matters of topical interest and, speaking politically, stated that the ideal was a federation inclusive of every pharmacist in business. He looked for freer relationship between the individual and the official Society, and assured Mr. Casey of the wide aims of the Pharmaceutical Society, which created a standard of pharmaceutical progress and ethics throughout the British Empire. The "City of Sheffield" was proposed by Mr. J. T. Appleton, who coupled with the toast the health of the Lord Mayor. The Lord Mayor, in replying, said one of his works in the Council had been to establish infants' welfare centres, which were competing with the chemists' business, to the extent of 8,000*l.* per annum, in the supply of dried milk. As they had not had a single complaint from the chemists, who were content to let the great work go on, on behalf of the city of Sheffield he thanked them. Dr. O. H. Hudson, in proposing the Sheffield Pharmaceutical and Chemical Society, gave a very interesting account of old-time Sheffield chemists. The doctor's father was the late Mr. Netwell Hudson, chemist, West Bar, where he commenced in 1874 as an apprentice to his father, afterwards going in for medicine. The President, in replying, told Mr. Casey that one of the objects of the registration of chemists was the protection of the public. He dealt also with the efforts made by chemists during the war. Mr. H. Bown proposed "The Visitors." The Town Clerk, Mr. W. E. Hart, O.B.E., replied. The health of the President, coupled with the name of his father, Mr. Job Preston, the oldest past-President, was drunk with musical honours. A vote of thanks was accorded to the hon. secretary, Mr. J. A. Johnson, and Messrs. J. R. Garner and H. Health, who provided the musical programme. Mr. J. A. Appleton acted as toast master.

Coventry Pharmacists' Dinner.

The Coventry Association of Pharmacists held a dinner, on November 20, at the Craven Arms Hotel. The President (Mr. C. H. Welton) occupied the chair, and among those present were Col. W. F. Wyley, Major Wyley, Councillor H. W. Wale (chairman, Insurance Committee), Mr. J. C. Lee Gordon (clerk to the Insurance Committee), Mr. Chas. Davis (Leamington), Mr. W. H. Lester (Nuneaton), Mr. C. H. Oates, and Mr. W. H. Lester (Bedworth). The loyal toast having been honoured, Mr. Bales proposed "The Visitors," Mr. Lee Gordon and Mr. Davis responding. The toast of "The Ladies" was submitted by Mr. Wilson, and Mr. Harris responded. Mr. W. M. Wilson was then presented with a gold wristlet watch with monogram engraved, and a wallet of Treasury notes, as a mark of appreciation of his valuable work as honorary secretary of the Association for three and a-half years. The chairman, in making the presentation, stated that Mr. Wilson had acted as pharmacist to the Hill Crest V.A.D. Hospital, and his services were mentioned to the Secretary of State for War. Mr. Robinson proposed "The Coventry Insurance Committee," and Councillor Wale replied. "The Association" toast was proposed by Col. Wyley, President of the original Association in 1877, who gave some interesting reminiscences of its doings in those days. The chairman, responding, mentioned that from a minute-book in his possession he found that the Association referred to by Col. Wyley had a home of its own at the old Coventry Dispensary, as well as its own library, and lectures were given by pharmacists of repute. He urged every member to take an active interest in his local Association. The speeches were pleasantly interspersed with songs by Miss Barrett and Messrs. Brown and Riley, with Mr. Powell as pianist.

Associations' Winter Session.

Birkenhead.—The opening meeting of the Birkenhead and Wirral Association of Pharmacists was held on November 19, the President (Mr. F. C. Cooling) in the chair. Mr. W. A. Wynne addressed the meeting on *Current Events*. It was pointed out that advertising costs might be disallowed as a business expense, and the necessity was emphasised of going thoroughly into the question of income-tax. Passing to the draft regulations for Insurance work, the introduction of a rota for late dispensing was explained. The speaker held the view that a rota would make for mutual confidence among members, and that in time it would be extended to all after-hours and holiday work, giving a welcome relief to all. Touching upon the chemists' request for increased remuneration, 50 per cent. was, he thought, reasonable compared with other claims made and granted. Why, he asked, would the craft not follow the example of the Labour Party, who had triumphed at the last municipal elections? If chemists would only adopt the deadly weapons of mutual support and a united front our representatives, the Local Associations Executive, would have an irresistible backing in their negotiations with the Government. The Profiteering Tribunals seemed to sit and adjudicate as to what in their opinion constituted a reasonable profit, ignoring the standard laid down in the Act—*viz.*, the pre-war rate—and also took no account of the special conditions existing in different trades. The cost of an article was the cost of its replacement, and it should be established as a sound business maxim. A chemist is as much entitled to charge for his services as anyone else, and we should unite to obtain adequate recognition of the responsible nature of our work. A lively discussion followed. The High Court decision—that dispensing was a sale—was much criticised, and, while it might be good law, the view was held that it lacked in appreciation of the nature of the services rendered.

Birmingham.—The winter session of the Birmingham Pharmaceutical Association was inaugurated on November 19, when a reception by the President (Mr. H. O. Lloyd) and Mrs. Lloyd, a dinner, the presidential address, and a musical entertainment constituted the programme. Mr. Lloyd, reviewing the work of the year, mentioned that the Ministry of Labour scheme for training ex-Service men and the new curriculum had assisted towards the establishment of the school of pharmacy at the Municipal Technical School, and had encouraged the Education Sub-Committee of the Association to devise a model apprenticeship scheme and systematic training for apprentices and assistants. A problem to be faced in the near future was the absorption of many qualified men, and it was hoped that all who ought to employ qualified men would assist in finding posts for them. Pharmacy had stood the test of the Profiteering Act exceedingly well, and had nothing to fear from it except, perhaps, annoyance. The Chemists' Defence Association, the Local Associations Executive, and local Associations were watching their interests. They would have seen in the trade press Mr. Woolf's statement that he had been asked to become chairman of the English Federation, and many wanted to know who had offered Mr. Woolf the position. As pharmacists, they claimed a right in the choice of their officers. The question of federation, which, he thought, was little understood, would be fully discussed in the forthcoming session. He made passing allusion to the test case in conjunction with Scottish chemists, which would decide whether the Pharmaceutical Society could deal with trade matters. He asked them not to be led away by any other macists. In the Midlands, at any rate, they would not, without very good reasons, agree to scrap an existing organisation, which was doing the work effectively, in order to build up another one.

C.D.A.—A special meeting of the Chemists' Defence Association, Ltd., was held on November 26, Mr. P. F. Rowsell in the chair, to consider the addition of the following paragraph (*j*) to Rule 1:

Members will be entitled to legal defence against prosecution for alleged offences against the Profiteering Act, 1919 (or any Act renewing, re-enacting or amending that Act), if, in the opinion of the Association's officers and solicitors, the member is not guilty of the alleged offence, or if a defence should be in the general interest of the members of the Association.

The chairman, in proposing the adoption of the resolution, said the Profiteering Act is an example of hurried legislation, and, as a result, many members had to suffer unfairly. It is hard, he said, that members should be subjected to allegations of profiteering by people unacquainted with the real value of the article. The Board of Trade ought to lay down a rule that no all-round ratio of profits is possible in the chemist's business. His opinion is that the current market price should be the price when these goods are sold. If chemists adopt the invoice price of some goods they risked being charged with profiteering, and he instanced a case of saccharin tablets bought by a chemist when the controlled price was 1*s.* 6½*d.* Mr. Keail seconded the resolution, and said that throughout pharmacy relief was general on hearing that a reliable defence was to be available. Mr. Keail alluded to the fact that Mr. Johnston (Secretary of the C.D.A.) had appeared personally in many cases. Mr. Johnston said real profiteering would not be defended by the Association, but he did not expect to find a single case of profiteering in the drug-trade, where prices had advanced less than in any other business. The speaker impressed upon members the necessity of informing the C.D.A. immediately a summons is taken out against them. The Proprietary Articles Trade Association, continued Mr. Johnston, has decided to defend members whose prices do not exceed the P.A.T.A. figures. Members should, in this case, report at once to the P.A.T.A. Mr. Pond suggested that the attention of the Board of Trade should be called to the present position, which he described as persecution and the commencement of a revolution. Mr. Currie (President of the Pharmaceutical Society) said he promised Mr. Pond to put at the next Council-meeting the question of joint action between the C.D.A. and the Pharmaceutical Society in making representations to the Board of Trade on the position of chemists under the Act. The resolution was then passed unanimously.

Liverpool.—At a meeting of the Liverpool Chemists' Association, held on November 19, Mr. D. H. Evans (President) in the chair, Mr. H. Wyatt (Bootle) drew attention to the exhaustion of the supply of local price-lists, and suggested that, in view of the Profiteering Act, the sooner a new list became available the better. Mr. J. L. Hirst (Budden & Co., Ltd.) read the first paper, entitled *Reconstruction*. Instead of waiting for parents to approach members with a view to apprenticing their sons or daughters to pharmacy, he suggested that the Association should advertise for pupils by stating the advantages of pharmacy as a profession. He would also like to see a Vigilance Committee formed, which would safeguard the interests of the craft and would, for example, take note of such cases in the press as that which recently occurred, when a section of the Liverpool newspapers described as a "chemist and druggist" a herbalist who had been fined for treating or advising a man suffering from venereal disease. Proprietors of patent medicines who advertise their goods as obtainable from certain company shops only, instead of "from all chemists and druggists," should be approached. Further, the Rexall Co. should be challenged in respect of an advertisement which might be held to infer that those who were not under the Rexall flag were not the best chemists. The local authorities, he said, did not treat the L.C.A. with the respect it deserved. He did not see why the President of the L.C.A. should be omitted from the list of those receiving invitations to the Lord Mayoral receptions. Finally, he thought the Association should consider co-operative buying. Mr. C. Huxtable then gave a paper on *The Ideal Pharmacist*, whose chief qualities should be (1) order, (2) accuracy, (3) resourcefulness. Mr. J. C. Wallbridge discussed *The Advantages*

of Qualification. After commenting on the apathy of the electorate in the Pharmaceutical Council elections, he argued that the qualification had a statutory, a moral, an educational, and a commercial value, and therefore pharmacists did right to regard it as a jealous possession. Mr. T. S. Wokes treated in detail *Dispensing Charges*, showing how an increase in the charge for dispensing is essential. Charges, he admitted, must vary according to districts. He considered the minimum retail price-list is on a fair basis, and that the work of the dispensing pharmacist is worth at least 2*s*. 6*d*. per hour. In the discussion, Mr. Ashcroft (Aigburth) quoted some dispensing charges which were ridiculously low. Mr. Wyatt approved the British and Colonial Price-list and the list issued by Mr. Chas. Philip (Herne Bay). On the question of profiteering, he pointed out that nothing charged against pharmacy equalled the sevenpenny story-book relabelled again and again up to 2*s*. 5*d*. He appreciated the prevailing optimistic tone of the papers, and agreed with the value put upon qualification. The apprenticeship of pupils, which was under consideration, would meet with the general endorsement of chemists. The value of one's qualification is exactly what one makes it. He had found wage-earners willing to pay for overtime, and said he was pleased with the success of this interesting meeting, and hoped that short papers would become a permanent feature of their sessions. In reply to a question, Mr. Wyatt said pharmacists need have no hesitation about selling certain capsules. All they had to avoid was the giving of treatment or advice. Mr. W. P. Evans (chairman, Evans Sons Lescher & Webb) assured retailers that the wholesalers would render any assistance wanted in profiteering cases. At the suggestion of the President, the hon. secretary (Mr. A. S. Furniss) was requested to write to Mr. William Wellings (treasurer), sympathising with him in his serious illness. In drawing attention to the forthcoming lecture by Mr. Herbert J. Evans on "The Chemistry of the Proteins," the President said the Association is reviving its reputation for attention to scientific subjects.

London.—A meeting of the Executive Committee of the London County Pharmaceutical Association was held on November 25, Mr. G. B. Barnard (President) in the chair. A letter was received from the South-West London Chemists' Association intimating that Mr. E. A. Atkins had replaced Mr. Yeoman on the County Executive. A letter from the County of Surrey Association on profit from certain proprietary preparations was referred to the Trade Sub-Committee. The Committee decided to send a subscription to the Early Closing Association. The Secretary submitted a report of an informal conference of representatives of the Local Associations, and it was finally agreed that one Federation should be formed for the Metropolitan Group. Further consideration of this report was deferred. The report of the Pharmaceutical Insurance Sub-Committee was adopted, and a discussion took place on the Draft Regulations for 1920. It was decided to refer the question of the payment of chemists' accounts to the Pharmaceutical Committee for their consideration. Several cases under the Profiteering Act were discussed. The Committee passed a resolution dealing with the current cost price of commodities, which will be forwarded to the Chemists' Defence Association.

London (S.W.)—A meeting of the South-West London Chemists' Association was held on November 18, the President (Mr. J. Humphrey) in the chair. An address on *Federation* was delivered by Mr. H. B. Figg, who dwelt mainly on the question of the legality of the Local Associations Executive, as at present constituted, in acting on behalf of employers on any Industrial Council or Trade Board. He pointed out that the matter could only be definitely decided in a court of law. He gave his opinion that the formation of employers' sections of local Associations was likely to split up the Associations, as the mainstay of many Associations is the employés. He also dealt briefly with the new Insurance Dispensing terms, but could not at present give much definite information regarding these, negotiations not being yet completed. He spoke also on the Profiteering Act. A discussion followed, and a resolution was passed, urging the Pharmaceutical Society to obtain an early decision regarding the position of the Local Associations Executive and Trades Councils.

Manchester.—A representative gathering of the Manchester Pharmaceutical Association assembled on November 12 to hear an address on *The Present Position of Pharmacy*, by Mr. W. L. Currie (President of the Pharmaceutical Society). The President (Mr. A. Hershberg) introduced Mr. Currie, who received a stirring reception, everyone rising and loudly applauding him for several minutes. Mr. Currie, in his opening remarks, outlined the workings of the War Auxiliary Benevolent Fund, and spoke of the splendid response made by Manchester chemists. He gave several instances of applicants who, in quite a casual way, had applied for money. One thought his health would be improved if he got married, and wanted a lump sum down for that purpose. However, that was not the way they were spending the money. It was being given to needy cases, and grants were only made after the Fund Committee were thoroughly satisfied as to the *bona fides* of the case. Over 3,000*l*. had already been paid out, and there are still many cases to be dealt with. In regard to the status of pharmacists in the Army much good work had been done, and he outlined what had been accomplished by Sir William Glyn-Jones. He was sure that a pharmacist's rank in the Army of the future would be of greater standing than in the past. They were out for nothing less than colonel's rank for head pharmacists in the various hospital appointments, and other ranks correspondingly lower. As a result of the passing of the by-law, he was pleased to say that a service had been done to the chemists. He was grateful for the support that the Manchester chemists had given the Council. He spoke also of the improvements brought about by the curriculum and the division of the Qualifying examination. Mr. Currie mentioned that over 1,000 ex-service men had commenced pharmacy courses this year, and another 1,000 would be given training next year. In dealing with the Ministry of Health he considered that panel chemists in Scotland are much better off than their English *confrères*, and he advised English chemists to demand proper payment for services rendered. The proposed rota was a very unworkable and unbusiness proposition. He strongly recommended panel chemists thoroughly to study the conditions under the new *régime* before they signed on for service. In conclusion, he referred to the Profiteering Act, and read a letter from Sir Wm. Glyn-Jones regarding the decision (which was final, he said) in the recent case (*C. & D.*, November 15, p. 59). Afterwards the President (Mr. A. Hershberg) introduced a discussion on the Profiteering Act, and the local arrangements made in the interests of chemists were mentioned.

Surrey County.—The annual meeting of the County of Surrey Pharmacists' Association was held on November 19. The annual report contained the schedule of areas by which the whole of the county is so divided as to bring every chemist into touch with either an existing district Association or one to be formed. With slight modification the report and rules were adopted. The balance sheet showed a balance in hand of 12*l*. 16*s*. 5*d*. The following officers were elected for the ensuing year: *President*, Mr. W. Bowden (Wimbledon); *Vice-President*, Mr. J. Noble (Wallington); *Hon. Secretary and Treasurer*, Mr. W. H. Fowler (Redhill). A letter was read from the Thames Valley Association, asking for the support of the candidature of Mr. Higgs (Kingston) for a place on the retail section of the Proprietary Articles Trade Association. This was agreed to. It was resolved that a recommendation should be sent to the Pharmaceutical Committee that the hours of business be 9 A.M. to 7 P.M. except on Wednesdays (9 A.M. to 1 P.M.) and Saturdays (9 A.M. to 8 P.M.). Mr. Rowsell then addressed the meeting on topics connected with the P.A.T.A. and the Chemists' Defence Association. Referring to the Profiteering Act, Mr. Rowsell mentioned that both the P.A.T.A. and C.D.A. are prepared to undertake defence under this Act. He strongly advised all pharmacists to join these two bodies in order to safeguard their own interests. After questions a vote of thanks was accorded to Mr. Rowsell.

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Trade Report.

42 Cannon Street, E.C. 4, Nov. 27.

There is a good general demand for chemicals and drugs, both for home and export account. The replenishment of the Continental markets keeps exporters busy, and the volume of business is broadening. The trend of prices is still upwards, as will be seen from our table below. This applies to pharmaceutical chemicals in particular. Bismuth salts are 6*d.* to 7*d.* higher, although the metal is unchanged. Quicksilver is 5*s.* per bottle dearer, and the leading importers are not keen sellers; mercurials are unaltered. English refined camphor flowers are 6*d.* per lb. higher. Hexamine, resorcin, methyl-salicylate, pure theobromine, acetanilide, barbitone, tannic acid, thymol, and vanillin are more or less dearer. Phenolphthalein, sulphonal, methyl sulphonal, British saccharin, and citric acid are cheaper to buy. Oxalic acid is dearer from makers. Among drugs and kindred products a further advance has been made in balsam Peru and senega has again risen on the other side. Cod-liver oil is offered at lower rates. Canary and fenugreek seeds are dearer, while coriander is lower. Shellac has had a further remarkable advance in all positions. Peppers, pimento, and cassia lignea are the turn easier; cloves are steady. Menthol and Japanese oil of mint have been quiet but steady. Lemon oil is not so buoyant. It is again unofficially stated that the Government control has been removed from quinine, but the official notice has not yet been gazetted. The Imports and Exports Regulation Bill causes much discussion in market circles. It appears to have had the immediate effect of stiffening the attitude of holders of spot stocks of fine chemicals, for which licences to import are withheld or only sparingly granted, so that prospects for all embargoed chemicals and those which filter through by circuitous routes are likely to remain high for an indefinite period.

Higher	Firmer	Easier	Lower
Balsam Peru	Acetanilide	Cassia lignea	Calc. hypophosph.
Bismuth salts	Barbitone	Citric acid	Cod-liver oil
Camphor (Eng. flowers)	Tannic acid	Mint oil (Jp.)	Coriander-seed
Canary-seed	Thymol	Pepper	Methyl-sulphonal
Chillies	Vanillin	Phenol-phthalein	Saccharin
Fenugreek-seed	Wax (veget.) (Jp.)	Pimento	Sulphonal
Hexamine			
Linseed oil			
Litharge			
Methyl-salicylate			
Nickel			
Oxalic acid			
Quicksilver			
Resorcin			
Shellac			
Theobromine (pure)			

Cablegram.

New York, November 26.—Business is fair. Acetanilide has advanced to 55c. per lb., vanillin is also dearer at 95c. per oz., and menthol is $1.00 per lb. higher at $13.00. Senega shows a further advance to $1.80. Balsam Peru has appreciated another 15c. to $4.00 per lb., and Canada balsam has been marked up 75c. to $13.75 per American gallon.

Acetanilide.—Our New York cable reports a further advance of 5c. to 55c. per lb. On the spot prices have again slightly appreciated, importers quoting 3*s.* 6*d.* to 3*s.* 9*d.* per lb.

Agar-agar is firmly held, spot sales of No. 1 Kobe quoting 3*s.* 3½*d.* per lb. and No. 2 Yokohama 3*s.* 1½*d.*

Albumen is steady, with spot sales of Chinese egg at 5*s.* per lb. and November-December shipment at from 5*s.* 6*d.* to 5*s.* 7½*d.* c.i.f.

Almonds.—The market has been excited lately, and prices which have considerably advanced are still in upward tendency. Large quantities have been sold to the Continent, and stocks are now limited.

Aloes.—The exports from the Union of South Africa during August amounted to 12,030 lb., valued at 132*l.*, against 58,613 lb., valued at 759*l.*, in August 1918. During the eight months ended August 31 the exports were 657,830 lb. (6,830*l.*), against 310,574 lb. (3,297*l.*) for the corresponding period of 1918.

Anise-oil, Star, is quiet, with spot sales of Red Ship brand at 5*s.* 9*d.* per lb., and sellers.

Antimony.—Few inquiries have been heard of for crude, but business is difficult at the price of 40*l.* per ton quoted for spot lots: shippers' ideas are about 38*l.* c.i.f. U.K. Regulus is steady at 47*l.* 10*s.* for English, and 44*l.* 10*s.* is the nearest value for Chinese to arrive. France has now practically ceased importing since her own smelting industry is improving. America is a conservative buyer at current rates, while her imports continue very light.

Areca.—Practically 600 packages have arrived from Ceylon during the past week; for single bags holders ask 110*s.* per cwt.

Arsenic has kept very firm and in steady trade demand, the nearest quotation for best white Cornish powder being 65*l.* per ton delivered here. Terms for imported material are about 62*l.*

Balsam Peru shows a decided advance following on one in New York and at primary sources, spot holders asking 19*s.* 3*d.* per lb.

Barbitone is dearer at from 29*s.* to 30*s.* per lb. on the spot.

Bismuth Salts.—The metal is unchanged at 12*s.* 6*d.* per lb., but, owing to the increased cost of manufacture, the English makers have raised the price of salts from 6*d.* to 7*d.* per lb., and salicylate 1*s.* per lb. The following are the makers' list prices: carbonate, B.P., 16*s.* 6*d.*; subnitrate, 14*s.* 9*d.*; salicylate, 14*s.* 6*d.*; citrate, 16*s.*; nitrate cryst., 10*s.* 6*d.*; subgallate, 16*s.* 6*d.* Liq. bismuth et ammon. cit. B.P. is ½*d.* per lb. dearer.

Bromides remain firm, potash crystals offering at 4*s.* 6*d.* and granular at 4*s.* 3*d.*, and the latter at 4*s.* 4*d.* c.i.f. to arrive. Soda is 3*s.* 6*d.* spot and 3*s.* 3*d.* to 3*s.* 6*d.* to arrive, and ammon. is 3*s.* 4*d.* to 3*s.* 6*d.* on the spot and 3*s.* 6*d.* to arrive. Holland appears to have acquired a fair quantity of bromide salts from Germany, judging by resale offers from that country. Arrivals in this country are, however, confined to small parcels.

Buchu.—The exports from the Union of South Africa during August 1919 amounted to 1,526 lb. (57*0l.*), against 28,599 lb. (6,860*l.*) for August 1918. During the eight months ended August 31, 1919, the exports were 125,040 lb. (29,327*l.*), against 89,675 lb. (16,948*l.*) for the corresponding period of 1918.

Camphor (Refined).—The price of English flowers has been raised 6*d.* per lb. to 18*s.* 6*d.* Japanese 2½-lb. slabs on the spot have fluctuated at between 18*s.* 9*d.* and 18*s.* 6*d.*, closing firmer on Wednesday at 18*s.* 9*d.* to 18*s.* 10½*d.*, both of which prices have been paid.

Canary-seed is still in good request, and prices are again dearer at 215*s.* to 230*s.* per quarter for ordinary to good Morocco.

Carbolic Acid remains firm at from 9½*d.* to 10*d.* per lb. for 39° to 40° C. ice crystals in large bulk packing.

Cascara Sagrada.—The arrivals comprise 424 bags to London.

Cassia Fistula continues scarce, second-hand holders asking 200*s.* per cwt.

Cassia Lignea is easier, with sellers of whole selected on the spot at 90*s.*, and broken at 75*s.* per cwt.

Cassia Vera.—At auction 338 bales Padang were bought in at 160*s.* for fine quill.

Castor Oil.—Medicinal water-white of English make in new five-gallon drums can be had in ton lots at 95*l.* per ton ex wharf London.

Celery-seed.—Small lots of French on the spot are selling at 180*s.* per cwt.

Cevadilla-seed.—A lot of 300 bags has arrived in London from New York.

CHILLIES.—At auction 123 bales East African sold at from 65*s.* to 64*s.* for ordinary dull yellowish, being dearer.

CINCHONA.—At auction at Amsterdam on Thursday, December 11, 759 packages Java will be offered, weighing 41,414 kilos.

CITRIC ACID is quiet and easier at 4*s.* 2*d.* per lb.

CLOVES have been quiet, with spot sellers of fair Zanzibar at 2*s.* 5*d.* per lb.; 3,932 bales of Zanzibar have arrived in Liverpool. At auction 196 bales common Zanzibar were bought in at 2*s.* 4½*d.* to 2*s.* 5*d.*

COCA-LEAVES.—At auction at Amsterdam on Thursday, December 11, 1,341 packages Java, weighing 74,350 kilos., will be offered, also eight packages Peruvian, weighing 1,400 kilos.

COD-LIVER OIL.—The Norwegian market shows a small demand only, at unaltered prices. The exports from Norway from January 1 to November 1, 1919, amounted to 29,897 barrels. For prompt shipment from Norway finest new medicinal is quoted at 460*s.* to 470*s.* per barrel c.i.f. Arrivals in Liverpool from St. John's, Newfoundland, comprise 764 barrels and 663 casks non-freezing oil.

CORIANDER-SEED is quoted lower at 20*s.* to 21*s.* per cwt. for good Morocco, according to quantity.

CREAM OF TARTAR is very firm and scarce on the spot at 260*s.* per cwt. for 99 to 100 per cent., and 255*s.* for 95 per cent. powder. The coal shortage in France has considerably affected the output and price in that country, and several factories have closed down owing to lack of fuel.

EGG-PRODUCTS are fairly steady, Chinese liquid hen yolk selling at 150*s.* per cwt., and November-December shipment at 150*s.* c.i.f. Dried whole on the spot has sellers at 2*s.* 6*d.* per lb., and liquid whole, afloat and for November-December shipment is 145*s.* c.i.f. Dried yolk on the spot is 2*s.*, and November-December shipment 2*s.* 0½*d.* per lb. c.i.f.

EUCALYPTUS OIL.—Arrivals aggregating over 1,300 cases have taken place, but it is not anticipated that prices will be affected, as a fair quantity has been sold to arrive. B.P. oils are offered at 3*s.* to 3*s.* 3*d.* per lb. on the spot.

FARINA is quiet, with sellers of No. 1 Japanese on the spot at 39*s.* 6*d.* per cwt., and November-January shipment 38*s.* 6*d.* per cwt. c.i.f. Sweet on the spot is 33*s.*, and January-March shipment 31*s.* 6*d.* c.i.f.

FENUGREEK-SEED is dearer, with 16*s.* per cwt. paid for a fair quantity of Morocco on the spot.

FORMALDEHYDE remains scarce on the spot, small lots changing hands at from 170*s.* to 175*s.* per cwt. Parcels afloat and to come forward are higher at 185*s.* per cwt. New York (November 6) reports extreme scarcity, with makers selling to consumers only at 24c.

HEXAMINE is very scarce and dearer at 9*s.* to 9*s.* 3*d.* per lb. on the spot, and at 8*s.* 6*d.* c.i.f. to come forward.

HONEY.—Since the auction last week a considerable quantity of the bought-in lots have been disposed of at the limits.

HOPS.—The Hop Controller announces that he will purchase the 1919 crop of English hops at an average price of 18*l.* 5*s.* per cwt.

HYPOPHOSPHITES.—Calcium is cheaper at 3*s.* 9*d.* per lb.; soda is 4*s.* 7*d.*, and potash 6*s.* 9*d.* per lb.

ISINGLASS.—At the last auction of the year, on Tuesday, the larger supply of 775 packages offered, and met with good competition at irregular prices. West Indian and Brazil was 6*d.* to 9*d.* lower, and East Indian 3*d.* to 6*d.* cheaper. Saigon and Penang were much dearer.

LEMON OIL is firm but quiet, the spot value being 6*s.* 6*d.* to 6*s.* 9*d.* per lb., and to arrive from 7*s.* to 7*s.* 6*d.* per lb. c.i.f. is quoted.

A Palermo advice dated November 15 states that during the week the market has again been in a state of the utmost excitement. Our foreign exchange has been advancing by leaps and bounds, and went up more than 10 per cent. on the rate on which our last quotations were based. This caused an advance in prices of all Sicilian products, since exporters were able to pay the growers in Italian currency at higher figures on account of the better returns which they obtained for their foreign currency. On a market which was already in a state of great nervousness and excitement, such as that market for citrus-fruit oils, this peculiar situation has naturally brought an advance, which on some occasions went even further than the corresponding advance of the exchange. Since yesterday the movement of the exchange seems checked, and we had a reaction which brought quite a considerable decline. However, the position for all citrus-fruit oils remains very firm, with a nervous market and a very strained position. For lemon oil it seems confirmed that the crop prospects are unsatisfactory, whilst the demand for fresh fruits is very active. Naturally sellers try to make the best of both these factors.

LIME OIL.—West Indian remains dull of sale at from 3*s.* to 3*s.* 3*d.* per lb., and hand-pressed is quoted at from 11*s.* to 11*s.* 6*d.*

LINSEED OIL has been a strong, active, and dearer market, up to 99*l.* 10*s.* to 101*l.* naked having been paid on the spot, and in Hull up to 97*l.* 10*s.* naked. It is said that consumers are holding off as much as possible, in the hope that before long we shall see a period of cheap oil, as production has largely increased.

LIQUORICE-JUICE.—Rather higher prices are quoted from primary sources, and on the spot genuine pure Italian block is offered at from 275*s.* to 290*s.* per cwt., according to holder.

LITHARGE.—At the opening of the week makers again advanced their terms by 2*l.* per ton, these ranging from 49*l.* 10*s.* to 52*l.* both for the home trade and export.

MENTHOL.—Throughout the greater part of the week the market has been quiet, with small sales at 60*s.* per lb. on the spot for the favourite brands, but with a renewal of buying on Wednesday up to 62*s.* was paid. A special Drug sub-committee under the Profiteering Act is to begin investigation at an early date in regard to menthol.

METHYL-SALICYLATE has advanced from 3*d.* to 6*d.* per lb., dealers offering at from 4*s.* 6*d.* to 4*s.* 9*d.* per lb., as to quantity.

METHYL-SULPHONAL is much lower, importers offering at from 57*s.* 6*d.* to 60*s.* per lb.

MINT OIL.—Japanese dementholised has been quiet, with small sales of the favourite brands at 16*s.* 3*d.* per lb., with sellers on Wednesday at 16*s.*

NICKEL.—While prices on the Continent have ruled firmer for some time past, there is a prospect of an increased outlet for this metal, the price of which has been advanced 10*l.* per ton. Home producers quote 215*l.* for the home trade and 220*l.* for export. The possibility of nickel-coinage being resorted to in consequence of the severely inflated price of silver is being eagerly discussed.

NUTMEGS.—West Indian continue scarce, and the small sizes are selling at practically the same figure as the large. Singapore and Penang 80's are coming forward more freely, and prices are slightly easier.

OXALIC ACID is dearer, makers quoting 1*s.* 5*d.* per lb. in casks in two-ton lots and 1*s.* 5½*d.* in smaller quantities. Kegs are 1*d.* per lb. extra.

PEPPER is quiet and easier, with spot sales of fair black Singapore at 10¾*d.* to 10½*d.* per lb. Lampong is quoted at 11*d.*, Tellicherry at 1*s.* 2*d.*, and Aleppy 10½*d.* per lb., at which sales have been made. *White* pepper is also quiet, the spot value of Singapore being 1*s.* 5*d.*, and November-December is 1*s.* 4*d.* c.i.f. London; while Muntok is 1*s.* 6*d.* spot, and for January-March shipment 1*s.* 4⅝*d.* c.i.f. has been paid.

PHENOLPHTHALEIN is about 1*s.* per lb. cheaper, importers offering at 13*s.* 6*d.* on the spot, and at 13*s.* c.i.f. to come forward.

PIMENTO is easier, with spot sales at 5 11/16*d.* to 5¾*d.* per lb.

QUICKSILVER.—With the comparatively more restricted imports and continued considerable export demand, not much surplus is hanging over the market, and quotations at the opening of this week were again advanced by 5*s.* per bottle, ranging from 17*l.* 15*s.* to 18*l.* per bottle. This is well in keeping with the views expressed recently. Some considerable demand is still reported for export, while Japan has also been in the market for fairly important lines. There is but little Italian actually available on the spot, but there is apparently no difficulty in getting parcels shipped, especially as export licences are being readily granted by the Italian authorities. American advices state that although prices in the United Kingdom are well below their parity, American buyers are not very keen in arranging business for importation from this

side, owing to uncertainty as to shipment. There is a continued scarcity in America, due largely to the much-reduced production, and merchant firms in New York profess to be able to realise $90 to $95 per flask, or some $10 over the nominal quotations published in the Press.

Quinine.—It is understood that the Government has relinquished the control of quinine, and that the official intimation will appear in the "London Gazette" on Friday, November 28.

The New York "Drug and Chemical Markets" (November 5) reports that a cablegram received from Batavia by Java interests in New York stated that an agreement had been made by the Dutch planters, by the terms of which 200,000 kilos. of the cinchona crop of 1920 will go to the Bandong Quinine Factory, and the remainder of the crop to the U.S. and Europe. An average harvest of cinchona in the Dutch East Indies is 500,000 kilos. The U.S. and Europe, including Great Britain, will, therefore, have about 60 per cent. of the crop to divide.

Resorcin continues extremely scarce on the spot, and as the cheap sellers appear to have sold out, those who have stock are asking extremely high prices, up to 35*s.* being mentioned.

Saccharin is lower, British make (550 pure) for home trade offering at from 130*s.* to 135*s.* per lb., duty paid, the lower price being for 100-lb. lots. The duty on British-made saccharin is 110*s.* per lb., which makes the price 20*s.* per lb. in bond, or 2*s.* 6*d.* per lb. less than which has recently been quoted. For export 25*s.* per lb. in bond is quoted. New York (November 6) quotes $3.50 to $3.75, with a good demand.

Saffron remains very firm at from 67*s.* 6*d.* to 68*s.* for finest Valencia on the spot, as to seller.

Salicylates are unchanged at last week's quotations.

Sarsaparilla.—A further 72 bales native Jamaica have arrived. Second-hand holders of fair to good red ask 1*s.* 9*d.* to 1*s.* 10½*d.* per lb.

Senega.—Our New York cable reports an advance to $1.80 per lb., and some spot holders cannot sell under 10*s.* 3*d.*

Shellac.—With a further appreciable advance in the Calcutta rupee price, another substantial rise has been established. Last week the spot market for the usual standard TN Orange quality closed with sales at from 515*s.* to 525*s.*, but this week up to 570*s.* has been paid; fine Orange has been sold at from 550*s.* to 575*s.*, cakey AC Garnet at 435*s.* to 460*s.*, GAL at 400*s.* to 420*s.*, and pure button 540*s.* to 550*s.* To arrive TN for November-December shipment has been sold at from 540*s.* to 560*s.* 6*d.* c.i.f., an advance of 45*s.* to 70*s.* on the week. Futures likewise show a similar appreciation, the sales including December at 520*s.* to 570*s.*, and March 520*s.* to 570*s.*

Sulphonal is 2*s.* to 3*s.* per lb. cheaper, importers offering at from 58*s.* to 59*s.* per lb. as to quantity.

Tannic Acid is firmer at from 10*s.* to 10*s.* 6*d.* per lb. for BP. *leviss* on the spot.

Taraxacum.—English has been in better demand lately, and higher prices are asked.

Theobromine.—The pure alkaloid is about 5*s.* per lb. higher than when last quoted, importers offering at 45*s.*; theobromine sodium salicylate is unchanged at 30*s.*

Thymol is dearer, English makers asking 35*s.* per lb.

Turpentine has been active and, with slight fluctuations, closes substantially unchanged on the week at 125*s.* 6*d.* per cwt. for American on the spot.

Vanillin is still tending upwards at from 80*s.* to 85*s.* per lb. The American price has advanced to 95*c.* per oz. Imports are strictly regulated by licence.

Wax, Vegetable.—Japanese is firmer at 92*s.* 6*d.* on the spot, at which sales have been made.

German Drug and Chemical Markets.

The market report for the first half of the month of November, issued by a Hamburg wholesale house, begins by drawing attention to the catastrophic fall in the value of the German mark. Consequently the increased cost of all goods still further delays the day which will permit Germany to become solvent and capable of supplying goods, and thereby able to meet her obligations. As the result, the return to normal conditions in Europe is also delayed. Unfortunately the early appearance of winter in a severe form has practically paralysed the already much reduced home traffic. The following prices are quoted in marks per kilo.:

Ammonium Bromide is being bought up by foreign buyers at m.35, cash; supplies are scarce.

Antipyrin.—Supplies are very short, and the demand is brisk.

Aspirin.—Manufacturers are apparently very short. Acetyl-salicylic acid has been sold at m.135, cash, and is cheap at this figure.

Benzaldehyde (almost free from chlorine for human uses).—The sudden increased demand, coupled with smaller supplies, has caused the price to rise to m.60, cash.

Benzoic Acid now stands at m.36, cash.

Caffein (Pure).—Apparently makers are now cleared of stocks; it has been sold by second-hand at m.365, cash.

Chamomiles.—Speculative as well as genuine purchases have raised the prices to m.18 for ordinary and m.22 for first quality new crop.

Citric Acid.—In spite of another recent increase in price makers are unwilling to supply. The demand for pharmaceutical and industrial uses has greatly increased, so that it now stands at m.75, cash, and a further rise is imminent.

Coumarin.—Large quantities have been taken up by England, and as the factories are scarcely able to supply it is now quoted at m.450, cash.

Cream of Tartar (99 to 100 per cent.).—Owing to increased demand and shortage of supplies the price has increased to m.33, cash.

Gentian is very scarce, and quoted at m.6.50 gross for net, cash.

Glycerin.—First white, 28°, sp. gr. 1.23, is sold at m.14.50, cash, in original carboys. An increase appears probable.

Guaiacol Carbonate is in great demand, but supplies are scarce.

Heliotropin has increased to m.500, cash, and makers are very behindhand with supplies.

Hydroquinone.—Large transactions have taken place, and the price has considerably increased.

Iodine Preparations show a very firm tendency at m.300 for potassium iodide, m.310 for iodoform, and m.335, cash, for iodine (resublimed).

Ipecacuanha.—Rio is in demand at m.250; second quality Cartagena is cheap in comparison at m.175.

Menthol.—Very extensive orders from abroad and diminished inland stocks have increased the price to m.730, cash, and m.740, cash, for menthol recryst.

Milk-sugar.—Owing to the shortage of milk it is greatly in demand at m.18.50, and is becoming scarce.

Ol. aurant. dulc. is scarce, and fetches m.200, cash.

Peppermint Oil.—Double rectified is worthy of attention at m.275, cash, and is likely to improve, as France is now demanding m.800, cash. A large supply of sugar would immediately assist an increase in price.

Phenacetin has been in demand at m.260, cash.

Phenolphthalein shows an upward tendency.

Potassium Bromide has been dealt with in large amounts, and foreign buyers have paid m.44.

Potassium Permanganate is in great demand at m.60, cash.

Pyramidon is in great demand by foreign buyers, and the price is increasing.

Salicylic Acid has been extensively purchased, and its price has reached a very high level.

Sandalwood Oil (East Indian).—The highest prices are being offered for this oil, but it can scarcely be found in the market. Since customers have had to turn to the West Indian oil the latter has risen to m.350, cash, and has become very scarce.

Silver Nitrate has further increased to m.825, cash.

Sodium Benzoate.—Stocks have been repurchased by makers, so that it now stands at m.28.50, cash.

Sodium Bromide.—Foreign buyers have paid as much as m.35, cash.

Sodium Salicylate, owing to diminished stocks, has increased to m.38.

Tartaric Acid.—The sudden considerable lowering of the price from m.35 to m.18 by the makers confused buyers and did harm to those holding stocks. After several increases it now stands at m.42, ex factory. Stocks in second-hand are quoted at m.44 for crystals and m.45 for powder, cash, and the price shows a rising tendency.

Vanillin.—Owing to the increasing demand the price is rising. Makers are scarcely able to supply in consequence of the want of raw materials.

A company has been formed in Japan, with a capital of 100,000 yen, for the manufacture of celluloid substitute, based on the utilisation of albumen obtained from soya-beans, which are available in large quantities at a very low price. The product is stated to be adapted for the same uses as celluloid.

Arrivals of Drugs, Chemicals, and Allied Produce.

The following arrivals have taken place at the ports named :

London

(November 3 to 10).

Barytes (Hamburg), 190 cks.
Chemical products : (Fr.) 38 pkgs., (Belg.) 12 pkgs.
Argol, (Port.) 510 bgs., (Fr.) 610 bgs., (It.) 289 cks.
Arsenic, (Port.) 40 brls., (S'pore) 80 cs.
Calc. citr. (W.I.), 100 brls.
Citric acid (It.), 40 kgs.
Copper iod. (Jv.), 29 brls.
Magnesia (Holl.), 75 cs.
Mercury perchlor. (It.), 62 cs.
Potash salts (R'dam), 5,286 bgs. 50 tons
Quinine sulph. (Jv.), 1,145 cs.
Soda pruss. (Fr.), 18 cs.
Tannic acid (Belg.), 6 cs.
Tartar, (It.) 40 kgs., (Sp.) 40 brls. 47 cks., (Fr.) 545 bgs., (Sic.) 36 cks.
Tartaric acid (It.), 494 cks.
Zinc oxide (R'dam), 50 cks.
Drugs, crude, etc. : herbs, (It.) 104 bgs. 163 bls., (Fr.) 22 bls., (Sp.) 9 sks., (Holl.) 49 cks.
Aloes (Cape), 225 cs.
Cantharides (Ch.), 50 cs.
Cardamoms, -(Cey.) 87 cs. 63 pkgs., (Alex.) 20 cs.
Cassia fistula (Jv.), 45 bskts.
Chamomiles (Belg.), 51 bls.
Cinchona (Jv.), 1,119 bls.
Cod-liver oil (Holl.), 50 cs.
Ergot (Port.), 58 bgs.
Galangal (Ch.), 56 bls.
Henbane (P. Said), 71 bls.
Juniper berr. (It.), 277 bgs.
Kola, (W.I.) 40 bgs., (Jv.) 54 bgs.
Liquorice (It.), 90 cs.
Menthol (Jp.), 90 cs.
Opium (Smyr.), 24 cs.
Orris (It.), 621 bgs.
Rhubarb, (Ch.) 69 cs., (Hamb.) 8 cs.
Senega (Can.), 15 bls.
Stramonium (It.), 46 bdls.
Tamarinds, (W.I.) 44 brls. 11 trcs., (E.I.) 12 cks.
Thyme (Sp.), 38 sks.
Thymol (Cal.), 7 cs.
Turmeric (E.I.), 87 bgs.
Drugs, medicines, etc. : pharm. products, (Fr.) 34 cs., (Can.) 10 cs. ; glaxo (N.Z.), 465 tins. ; insect powder (Fr.), 10 cs.
Dyes, dyeing and tanning materials, etc. : anthracene (Fr.), 100 bgs. ; bark, tanning (Fr.), 100 bgs. ; chestnut ext., (It.) 100 brls., (Fr.) 100 cks. ; cochineal (Canar. Is.), 2 pkgs. ; extract, tanning (It.), 1,159 bls. ; yellow berries (P. Said), 248 bgs.
Egg products : albumen (Ch.), 532 cs. 2,600 cans ; whole (Ch.), 5,253 cs. 8,046 cans, 128 cks. ; yolk, (Jp.) 654 cs., (Ch.) 651 cs. 1,541 brls. 3,312 cks. 2,520 cans
Gums, resins, etc. : gum, not described (Smyr.), 70 bgs. ; copal, (Jv.) 2,090 bskts. 85 bgs. 92 pkgs., (S'pore) 100 pkgs., (Antw.) 1,078 bgs. ; damar, (Jv.) 2,265 cs. 837 bgs., (S'pore) 150 pkgs. ; lac : button (Cal.), 14 chts. ; shell (Cal.), 900 chts. 500 bgs. ; resin, (Port.) 78 brls., (Fr.) 408 cks.
Gelatin (Fr.), 25 cs. 87 bls.
Honey, (W.I.) 17 pkgs., (Halif. N.S.) 1,324 cs., (N.Z.) 14 cs.
Lead, white (Belg.), 58 brls.
Lime-juice (W.I.), 728 cks. 167 puns. 48 hhds.
Mercury, (R'dam) 7 cs. 118 pkgs., (Amst.) 8 cs.
Oils, essential : (Sp.) 8 drms., (Ch.) 25 cs., (S'pore) 16 cs., (Fr.) 59 cs., (Sic.) 34 pkgs. ; anise, star (Ch.), 425 cs. ; bergamot (Sic.), 6 × ½ cs. ; cassia (Ch.), 50 cs. ; citronella (Cey.), 6 drms. ; lavender (Fr.), 12 cs. ; lime (W.I.), 67 pkgs. 25 cs. ; mint (Jp.), 90, cs. ; pennyroyal (Sp.), 20 bidones ; peppermint, (U.S.) 10 cs., (R'dam) 8 cs. ; thyme (Sp.), 5 pkgs.
Oils, fixed, not described (Holl.), 49 brls. ; coconut, (Jp.) 2,540 cs., (Fr.) 400 cs., (Cey.) 1,517 cks. ; cottonseed (Ch.), 5,000 cs. 216 drms. ; ground-nut (Ch.), 1,900 cs. 900 brls. ; hardened (Jp.), 400 cs. ; herring (Jp.), 200 cs. ; olive, (It.) 50 cks. 30 cs., (Sp.) 400 cs. ; rape (Jp.), 800 cs., (Ch.) 10 cks. ; shark (Jp.), 2,000 cs. ; soya bean, (Jp.) 3,600 cs., (Ch.) 600 cks. ; sperm (W.I.), 287 brls. ; tea (Ch.), 8,825 cs. ; whale (hardened), (Jp.) 1,000 cs., (N.Z.) 50 cks. ; wood (Ch.), 300 brls. 3,046 cs. 438 cks.
Perfumery (Fr.), 24 cs.
Saccharin (Fr.), 20 cs.
Seeds : almonds, 1,555 pkgs. 988 bgs. 1,201 cs. 1,641 bxs. ; anise (Sp.), 5 cs. ; (star) (Ch.), 50 cs. ; caraway (Holl.), 270 bgs. ; coconut (E.I.), 2,717 drms. ; copra, (W.I.) 21 bgs., (Jv.) 2,300 bgs., (S'pore) 12,085 bgs., (Phillip. Is.) 1,500 tons, (E. Af.) 845 bgs. ; cotton (Alex.), 2,383 tons ; ground-nuts, (Jv.) 622 bgs., (Jp.) 250 bgs., (E. Af.) 800 bgs., (Ch.) 280 bgs. ; illipe (S'pore), 1,108 bgs. ; lin, (Jp.) 345 bgs., (Ch.) 1,055 bgs., (Antw.) 2,675 bgs. ; mustard (Denm.), 260 bgs. ; rape (Ch.), 1,252 bgs. ; sesame (Ch.), 280 bgs. ; soya (Jp.) 3,562 bgs., (Ch.) 1,185 bgs. ; sunflower (E. Af.), 300 bgs.
Soy (Ch.), 350 kgs.
Spices : cassia, (Jp.) 56 bgs., (Ch.) 2,543 cs. 600 bxs. 300 bls. ; (buds), (Ch.), 600 cs. ; chillies (E. Af.), 20 bgs. ; cinnamon (Cey.), 130 bls. ; cloves (P. Natal), 182 bls. ; mace (W.I.), 36 brls. 2 bxs. ; nutmegs, (W.I.) 107 bgs. 2 brls., (E.I.) 722 cs. ; pepper, (Jv.) 16,944 bgs., (S'pore) 3,095 bgs. 153 pkgs., (Antw.) 100 bgs.
Starches, etc. : farina (Jp.), 1,288 bgs. ; wheat (Jp.), 560 bgs.
Vanilla (Fr.), 10 cs.
Wax, not described (Amst.), 110 cks.
Wax, bees', (E. Af.), 11 sks. 87 bgs. 328 pkgs. 29 blocks, (Alex.) 10 cs., (R'dam) 20 bls.
Wax, paraffin, (U.S.) 778 bgs., (Hamb.) 50 bgs.

Liverpool

(November 3 to 8).

Barytes (Sp.), 300 bgs. 892 brls. 200 sks. 320 bgs.
Chemical products, etc. Argol (Sic.), 64 cks. Barium carb. (U.S.), 606 bgs. Soda chlorate (Fr.), 500 cks. Sulphur (Sic.), 115 brls. Tartar, (Port.) 28 cks., (It.) 220 cks. Tartaric acid, (Fr.) 50 cks., (Sic.) 100 cks. Zinc oxide (Antw.), 40 brls.
Drugs, crude, etc. : herbs (Fr.), 25 bls. Cubebs (Holl.), 11 bskts. Hellebore (It.), 17 bgs. Liquorice-juice (It.) 118 cs. Liquorice root (It.), 16 bls. 10 bgs. Turmeric (B'bay), 111 bgs.
Dyes, dyeing and tanning materials, etc. : aniline dyes (Hamb.), 9 cs. ; chestnut ext., (U.S.) 1,000 brls., (It.) 948 brls. 900 cs. ; chlorophyll (Holl.), 3 cks. ; cutch (E.I.), 460 bxs. ; ext., tanning, (U.S.) 2,339 bdls. 994 bgs., (It.) 45 brls. ; indigo (It.), 5 cs. ; myrabolans (E.I.), 13,268 pockets 2,000 pkgs. 7,969 bgs. ; (crushed) 1,438 bgs. ; (ext.) 1,712 bgs. ; sumac (It.), 1,118 bgs.
Glucose (Can.), 1,200 brls.
Gums, resins, etc. copal (Antw.), 247: bgs. ; resin, (U.S.) 4,750 brls., (Sp.) 400 kgs., (Port.) 97 cks.
Manna (It.), 15 cs.
Oils, essential : (It.) 17 cs., (Sic.) 44 × ½ cs. 8 cs., (Holl.) 2 cs. 11 demi. ; bergamot (Sic.), 18 × ½ cs. ; lemon (Sic.), 5 cs. ; turpentine (U.S.), 1,115 brls.
Oils, fixed : castor (It.), 100 brls. ; cotton-seed (E.I.), 1,042 cs. ; palm (W. Af.), 392 cks. 148 brls. 4 puns. ; soya bean (Ch.), 1,373 cs. ; wood (Ch.), 1,200 cs. 596 cks.
Seeds : almonds, 825 bgs. 1,320 cs. 1,495 bxs. 50 cs. 200 pkgs. ; caraway (Holl.), 75 bls. ; cashew (S. Amer.), 30 bgs. ; castor, (Canar. Is.) 27 pkgs., (S. Amer.) 61 bgs. ; copra (W. Af.), 297 bgs. ; cotton, (S. Amer.) 6,052 bgs., (Alex.) 1,000 tons, (E. Af.) 2,970 bgs. ; ground-nuts, (W.Af.) 33,647 bgs., (U.S.) 1,150 bgs. ; lin (E.I.) 10,464 bgs. ; palm kern. (W. Af.), 38,500 bgs. ; rape (E.I.), 25 bgs. ; sesame, (W. Af.) 6,073 bgs., (Ch.) 700 bgs.
Wax, bees', (Can.) 57 cs., (Fr.) 85 bdls.
Wax, carnauba, (Para) 113 cs., (Port.) 84 bgs.
Wax, paraffin (Cal), 657 bgs.

Goole

(Oct. 31 to Nov. 5).

Chamomiles (Belg.), 10 bls. ; farina (R'dam), 50 bgs.

Grimsby

(November 3 to 7).

Dyes, (Fr.) 30 cks., (Belg.) 278 cks. 392 pkgs.

Hull

(November 1 to 6).

Arsenic (Holl.), 50 cks. ; barytes (Sp.), 96 brls., cod oil (Norw.), 5 brls. ; drugs (Amst.), 12 bls. ; herbs, not described (R'dam), 8 bgs. ; lead, white (Can.), 89 cks. ; lithopone, (R'dam) 40 cks., (Sp.) 200 brls. ; palm oil, (W. Af.) 78 cks., 20 butts, (Antw.) 106 brls.
Seeds : almonds, 1,650 cs. ; cotton, (E.I.) 167,923 bgs., (Alex.) 7,018 tons, (Amst.) 2,324 bgs. ; copra (W. Af.), 379 bgs. ; jamba (E.I.), 43,882 bgs. ; palm kern. (W. Af.) 52,527 bgs. 471 tons ; soya (Jp.), 44,000 bgs.

Manchester

(November 3 to 7).

Antimony salts (Fr.), 10 cks. ; emetic tartar (Fr.), 90 cks. ; emulsion (U.S.), 1,185 bxs. ; formic acid (Fr.), 32 cks. ; henna (Alex.), 34 bls. ; magnes. sulph. (Alex.), 80 brls ; medicines (U.S.), 549 bxs. ; soda nit. (Fr.), 50 cks.

Newhaven

(November 3 to 8).

Drugs (Fr.), 8 pkgs. ; essential oils (Fr.), 47 cs.

Southampton

(November 3 to 7).

Casein (Fr.), 827 bgs. ; drugs (Fr.), 31 pkgs. ; herbs (Fr.), 15 bgs ; perfumery (Fr.), 64 cs. ; tartar (Fr.), 78 cks.

London

(November 10 to 17).

Acetone (U.S.), 50 drms
Alcohol, methyl (U.S.), 45 drms.
Barytes, (Antw.) 300 bgs., (Amst.) 25 cks.
Casein (N.Z.), 200 sks.
Chemical products, etc.: (Belg.), 6 pkgs.
Alum sulph. (R'dam), 1,170 bgs.
Argol, (Port.) 915 bgs., (Sp.) 39 cks., (It.) 38 cks., (Sic.) 343 bgs. 21 cks.
Arsenic (Jp.), 99 cs.
Bromides, not described (R'dam), 20 cs. ; potash (C'hagen), 20 cs.
Calc. carbide (Can.), 500 drms.
Calc. cit. (S. Amer.), 36 bgs. 14 cks.
Cobalt oxide (Can.), 32 kgs.
Creosote carb. (Swe.), 4 pkgs.
Ichthyol (Jp.), 16 cs.
Litharge (Mon.), 24 cks.
Mangan. perox. (Swe.), 20 bgs.
Milk sugar (Amst.), 100 cs.
Oxalic acid, (R'dam) 20 cks., (Norw.) 23 brls.
Soda pruss. (Swe.), 13 cks.
Sulphur (Sic.), 1,881 bgs.
Tannic acid (Belg.), 33 pkgs.
Tartar (Fr.), 193 cks.
Tartaric acid, (It.), 100 cs., (Fr.) 58 cks.
Zinc oxide (Belg.), 140 brls.
Drugs, crude, etc. : leaves (Fr.), 169 bls. ; roots, 33 bgs. ; herbs, 68 bls. ; herbs (Sp.), 11 bgs ; roots, (U.S.) 24 bls., (S.S.) 14 bls.
Benzoin (B'bay), 25 cs.
Calumba (B'bay), 80 bgs.
Camphor, (R'dam), 35 cks., (Jp.) 170 cs., (Fr.) 200 cs., (B'bay) 900 cs.
Cardamoms, (Cey.), 15 pkgs. 195 cs., (B'bay) 62 cs.
Chamomiles (Belg.), 6 bls.
Cinchona, (Port.) 50 bls., (Amst.) 39 cs.
Convalleria (R'dam), 43 cs.
Dragon's blood (S'pore), 10 cs.
Galls (B'bay), 42 bgs.
Liquorice juice, (It.) 50 cs., (Sic.) 218 cs.
Liquorice root (Sic.), 71 bgs.
Marjoram (Fr.), 52 bgs.
Menthol (Swe.), 10 cs.
Opium, (B'bay) 100 chts., (Fr.) 4 cs.
Orris (It.), 150 bgs.
Papain (Cey.), 6 pkgs.
Rhubarb (S'hai), 76 cs.
Sandalwood (B'bay), 74 bls.
Squill (Sic.), 120 bgs.
Storax (Fr.), 5 cks.
Tamarinds (B'bay), 250 bls.
Turmeric (E.I.), 1,805 bgs.
Drugs, medicines, etc. : (Fr.) 12 cs., (Jp.) 30 bls., (U.S.) 367 cs. ; emulsion (U.S.) 3,240 cs. ; fig syrup (U.S.), 6,300 cs.
Dyes, dyeing and tanning materials, etc. : aniline (Belg.), 177 pkgs. ; chestnut ext. (U.S.) 620 brls., (It.) 200 cks. ; cutch (S.S.), 300 cs. ; dye-wood ext. (Belg.), 6 pkgs. ; extract, tanning (U.S.), 150 brls. ; gambier (B'bay), 25 bgs. ; myrabolans (E.I.), 32,560 pockets, 100 bgs., (crushed), 12,000 pockets
Egg products : albumen (Ch.). 20 bgs 52 cs. ; whole (Ch.), 334 cs. yolk (Ch.), 129 cs. 111 cks.
Glucose (U.S.), 539 brls.
Gums, resins, etc. : (P. Sudan), 3,139 bls. ; acacia (B'bay), 592 bgs. ; balsam (Can.), 12 cs. ; copal (R'dam), 110 bgs. ; damar (S.S.), 411 cs. ; karaya (E.I.), 379 cs. ; lac : garnet (Cal.), 200 cs. ; shell, 333 cs. 1,000 bgs. ; olibanum (B'bay), 245 bgs. ; resin (Port.), 116 cks. 23 brls. , tragacanth (B'bay), 146 bgs.
Lead, white, (U.S.) 93 brls., (Can.) 368 cks., (Belg.) 824 kgs.
Lemon-juice (Aust.), 3 cks.
Lithopone (R'dam), 10 pkgs. 40 cks.
Magnesite (Amst.), 1,000 bgs.
Mercury (R'dam), 12 cs.
Molasses (W.I.), 200 puns.
Oils, essential : not described, (Sic.) 111 × ½ cs., (Amst.) 158 cs. ; eucalyptus (Aust.), 126 cs. ; (citriodora), 3 cs. ; geranium (Fr.), 22 cs. ; gingergrass (B'bay), 24 pkgs. ; lime (S. Amer.), 5 cs. ; mustard (Cal.), 4 drms. ; peppermint (Fr.), 20 cs. ; turpentine (Port.), 482 cs.
Spices : cassia (Ch.), 849 cs. 675 bls. ; chillies (E.I.), 60 pkgs. ; cinnamon (Cey.), 995 bls. ; cloves (E.I.), 1,094 pkgs. ; ginger (E.I.), 220 bgs. ; mace (S.S.), 63 cs. ; nutmegs (S.S.), 150 cs. pepper (E.I.), 2,798 bgs.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Profiteering Proceedings.

Sir,—What a lot of trouble and worry could be saved our craft if we would only pull together and be loyal to each other! If all chemists would adopt a recognised pricing word, say "Bishopgate," and mark each prescription with the price charged, there would be less annoyance, expense, and waste of time. Why won't they? Boots, Ltd., can do it. I dispense scores of prescriptions, and I can honestly say 95 per cent. are not priced. What a pity we cannot be more businesslike, and shall I say more fraternally inclined one to another, to help each other and protect the interests of the trade generally!

Yours faithfully,

Dispensing Chemist. (102/2.)

Sir,—After reading the accounts of the various cases under the Profiteering Act and the numerous comments of your correspondents, the whole trouble seems to be that the point which is in doubt is whether the profit should be reckoned at the current market rates or based on the invoice price. The tribunals appear to give it against the retailer in either case; if he has bought when the price was high they refer him to the current figure, and if he bought at a low rate they point to his invoices and convict him of profiteering. From a business point of view the current rate is the only fair one, irrespective of the purchase price, as if the retailer gains in one instance he loses in another, and we are likely to lose very considerably when we reach that happy time the politicians are so fond of predicting, when the cost of living will come down with a bang. Even the wholesalers point out when acknowledging an order that the goods will be charged at the prices ruling at the time of delivery, whilst reserving to themselves the date at which they deliver, a circumstance of which the retailer cannot avail himself. As the Act is at present administered it is more likely to do the public harm than good, as in some cases, camphor, for instance, the commodity is forced off the market, the retailer preferring to lose the salo of a small item rather than incur the risk of trouble, and in other cases the buying is done from week to week in small quantities which are charged at top prices by the wholesaler, thus raising the price instead of lowering it. The section to which you drew attention in your Editorial article last week, which provides that the retailer is entitled to his pre-war rate of profit, is one which should be noted by all chemists, and if the present system of complaints is continued they should in self-defence add the pre-war percentage to all articles, in which case prices would be considerably higher than they are now. In conclusion, I may say that I have not yet read an account of a real profiteering transaction, every complaint resolving itself into a quibble as to percentage of profit and basis on which it is reckoned.—Yours faithfully,

C. R. (108/6.)

Insurance Dispensing Terms.

Sir,—There is one point which I have not seen commented upon in respect to the new regulations for Insurance dispensing, and that is the connection between the compulsory rota and "Rep. Mist." It seems to me that the adoption of the one will lead to the automatic abolition of the other. A rota may be either daily or weekly; a daily one is difficult to arrange, as to be regular there would have to be exactly seven pharmacies to take turn, and then one would get every half-day and another every Sunday; to change about would cause confusion, and if there were an odd number of pharmacies, as there would be in most towns, the confusion would render satisfactory working impossible. We come, therefore, to the weekly rota, in which case each pharmacist takes a week-night off including the half-day and Sunday. Well, most medical men now order sufficient medicine to last for a week, and then write "Rep. Mist.," so that the following week there would be another pharmacy open and the customer would be unable to get the mixture repeated. I quite realise that the rota system is supposed to be for the supply of urgent medicine, but unless there is some definite rule included in the new regulations as to the marking of prescriptions, there is no doubt that the dispensing work will tend to be later in the evening and the chemist on duty will get the bulk of the work for the week, and I fail to see how we can refuse to dispense a prescription which is presented to us on the ground of non-urgency unless we have some ruling to back us up.—Yours faithfully,

Rotaria. (103/40.)

The Question of Federation.

Sir,—One of the most noteworthy remarks I have seen for some time occurs in Mr. A. R. Keith's letter (*C. & D.*, November 22, p. 74). After asking several pertinent questions, he says, "Pray do not answer the L.A.E., because it has no power apart from the Council." Exactly, this expresses in one sentence what so many of us have tried to say at local meetings, for whenever we have asked the same or similar questions to Mr. Keith's, we have been directed to the L.A.E., who do not do these things. As Mr. Skinner says in his letter in the same issue, the L.A.E. was a compromise, and a bad one at that, for compromises are always more or less failures, and this one always reminds me of the life-size figures of ferocious-looking dogs, which you may still see on some doorsteps, presumably to scare away objectionable intruders, and only succeed in frightening one's friends. Now we have learned the uselessness of our china ornament, and we long for a real live animal which will bark without being wound up, and has no scruples about ethics, or chartered bodies, and so on; and now that the muzzling order is gradually being taken off, if he gets a bite or two occasionally we shall not be very sorry.

Yours faithfully,

Terrible Tyke. (22/11.)

Pricing Problems.

Sir,—I willingly admit—in fact, I did in my previous letter admit—that Mr. Philip's price-list is the more scientific method, but my point was that theory and practice are not always compatible. But, while demolishing my series of figures, Mr. Philip does not treat me fairly with his example, as he ignores my basis to start with; he quotes the case of a drug costing 2*s.* per lb. and priced at 2*d.* per oz. Now, in my system (or want of system) this would not have been 2*d.* per oz., but 3*d.* per oz. and 10*d.* for 4 oz., so that it would not be a losing transaction. With regard to the original cost being lost sight of, I plead not guilty, as I see that all drugs are marked with the date and cost price on receipt of invoice. It is not much trouble, and it is well repaid, as you always have the cost price in front of you; you know when re-ordering what you paid last time, and at the annual stocktaking it more than makes up for the time spent. Yours faithfully,

Chas. Hamus.

Getting into Business.

Sir,—On the principle that the "looker-on" sees a lot of the game, I beg to write a few lines supplementing "Jay Mack's" note on this subject. It is the proviso understood that the proposed master-pharmacist should have money of his own sufficient at the least to cover the initial costs of shop and fitting. Wholesalers have said to me, "Find a location, put in the fixtures, and I will find you the stock." In my view the location is all-important, and many men find themselves at sea when it comes to the point. Some say it is the easiest part of the job, but I do not agree. Twenty years ago I saw what I thought a charming place. In this case it was already started—nice shop and house, nicely set out and fitted. I do not think I could have resisted the place, and it was easy to fancy oneself busy with an assistant with prescriptions all day long. Well, it has changed hands, to my knowledge, three times in this

period; men, it appears, get a living, but no more. In a West-end residential neighbourhood in London it might be a gold mine, but on a provincial main road, with no near residential outlook at the back or the front, the prospects are not cheering. I can imagine this a pharmacy fifty years hence, and just as hopeless; it will always tempt somebody, and I cannot feel other than sympathetic and sentimental about it. You have to see where your customers are to come from and to study their probable requirements. And regarding environment, the "carriage of goods" question must not be overlooked—carriage, road or rail, returns, and so on. All young pharmacists should be able, these times, to save money. If they cannot they had better give up all idea of business for themselves. One of the best ways of saving is life endowment policies. I began at the age of twenty-two. Premiums are low at this age. By the time one has accumulated experience one's policy has acquired a value, and money is easily obtained on such security. Two or three policies with the money accruing at varying intervals are a real help to a business man. Tying oneself up to a wholesaler is another matter. I should hesitate long before I tied myself in this way, faced probably by a series of short-dated bills, loaded perhaps in the matter of stock not exactly the best for selling. Some men seem to know by intuition what the public wants; others will never succeed in eradicating their own personal predilections. It is something like this: I once went out with my camera to take a series of negatives for postcards, and they were good, but somehow sales hung fire. I am not proud in these matters, and I sent an assistant another time, and he covered pretty much the same ground. His sold like the proverbial hot cakes. Mine were perhaps the better pictures, but his were what the public wanted. Similarly in the matter of salesmanship it is not always the best-informed man who makes the best salesman. Take photo goods again. I know all about the art of photography from A to Z, and people frequently ask me to recommend this or that. "Which would you recommend?" they ask, and I tell them, but it is rarely what they want. Certain work is only possible with certain apparatus, costing with suitable lenses a certain price, but if the customer has only a fiver to spend, what is the use? In fact, one may know a great deal too much and be rather too conscientious. What does the customer want, and how much money has he to lay out? Get to know that and the work is half done. And there is nothing to be ashamed of in having to raise a loan now and then; most successful men have found themselves in a hole more than once. Part of one's savings should be invested away from one's business; shares in other concerns easily negotiable. "Jay Mack" wisely refers to the right stuff, but men are often made of the right stuff and never know it. There are plenty of men who, if they were chucked out and literally thrown on their beam-ends, would somehow make good. I have met with them. If an antidote were to be found to the baneful and soporific influence of the stores, we could infuse a good deal of life into the body pharmaceutical.

Yours, etc.,

EXPERIENCED. (223/28.)

Quinine and Cinnamon Mixture.

SIR,—With reference to your correspondent's inquiry about quinine and cinnamon mixture (*C. & D.*, November 8, p. 76), possibly my experience may be of interest to him. I have tried putting up tr. quin. am. with small doses of tr. cinnam. mv. or mx. to 3j., but find that on keeping it deposits a brown sediment—doubtless the colouring matter—which, however, shakes up all right. A more presentable preparation is given by adding a few drops of aq. cinnam. conc. (1-40) to each 3j. tr. quin. ammon., but you get occasional customers who require the brown-coloured mixture. A more dilated product can be obtained by tr. quin. am. 3j., mucil. trag. 3j., aq. cinnam. ad 3j.; 3ss. to 3j. pro dosis. This is quite presentable, but, of course, has no brown colour.

Yours faithfully,

OL. CINNAM. (88/74.)

Subscribers' Symposium.

Card-index for Prescriptions.

H. W. V. (90/30) writes: "I should like to inquire if any *C. & D.* subscriber has experience of using a card-index system for copying and recording prescriptions. It would be interesting to know if such a system is practicable and economical."

Legal Queries.

D. G. S. (83/59).—A label bearing the words "Chest, Throat, and Lung Mixture," with no recommendation, does not render the preparation to which it is attached liable to medicine-stamp duty.

J. R. (79/47).—The use of the title "Kornease Ointment" would render the preparation to which it was attached liable to medicine-stamp duty, unless it is sold as a "known, admitted, and approved remedy," and suitable reference to the formula given.

T. G. (74/28).—The list of poisons and poisonous preparations which can only be sold by chemists is given in *The Chemist and Druggist Diary*, 1919, and will be repeated in a revised form in the forthcoming issue. The designation "Drug Store" can be used by any trader.

F. A. H. (99/9).—The sale of proprietary articles at face value could be defended before a Profiteering Committee on the ground that that is the price the proprietor has fixed for his goods. The Proprietary Articles Trade Association will defend you if you are charged by the local Committee with selling an article at the protected price.

H. S. (101/61).—Chemists who sold a venereal-disease preventive outfit such as you refer to would be liable to prosecution. It is equally a crime under the Venereal Disease Act to label an article for the prevention as well as for the cure of venereal disease. The only exemption in the Act is that given to public authorities and to advertisements in the medical and pharmaceutical papers.

Canadian (89/29).—A person who for three years immediately prior to December 11, 1911, acted as a dispenser to a duly qualified medical practitioner or a public institution can be employed as a dispenser by a chemist or company contracting with an Insurance Committee to do dispensing for insured persons. Such person may also act as a superviser of dispensing by other unregistered persons.

S. & Co. (102/8).—The liability or not of the rheumatic salts to medicine-stamp duty depends upon the composition of the salts. If, as is not improbable, the salts consist of one chemical only, the preparation could be sold unstamped under the entire drugs exemption of the Medicine Stamp Act. If the preparation is a compound article, it will require to be stamped if sold with a recommendation for the cure of rheumatism.

Query (101/21).—There is no reason why you should not ask a sum for goodwill of the business you are selling. You should, however, bear in mind that the purchaser, in agreeing to pay "the bare valuation of stock, fixtures, etc.," at present-day prices, is presumably returning you a good profit on what you gave for many of the articles. It is on this account chiefly that the price paid for goodwill of recent years has shown a decline.

J. H. (86/72).—VERONAL TRADE-MARK.—The position in regard to veronal is that, although the patents have expired, the word "Veronal" is still on the Trade-mark Register as being owned by the German Bayer Co. Particulars were given in THE CHEMIST AND DRUGGIST, May 15, 1915, p. 48. While war emergency legislation is in force it would not be difficult or costly to have the word "Veronal" removed from the Register of Trade-marks.

A. A. A. (102/61).—(1) One of the provisions of the Shops Act, 1912, is that every shop-assistant must have a weekly half-holiday. There is no age limit. (2) It would be illegal to charge 1*s.* 6*d.* for a 1*s.* article bearing a 3*d.* medicine stamp. Your further suggestion to make an extra charge to customers visiting your shop after hours would probably bring you in conflict with the local Profiteering Committee, otherwise there is no reason why you should not adopt the practice about which you ask.

Alpha (98/36).—(1) You can trade under any name you like, but if the designation is different from your own Christian and surname, or in the case of partners the names

of the partners, you must, under the Business Names Registration Act, register the names, etc., of the actual proprietors. (2) The amount of the patent-medicine licence is the same for manufacturers and sellers of proprietary medicines. (3) The registration of a trade-mark for an article is considered the best protection from imitation, as the process of checking infringements is comparatively simple. (4) We do not understand this part of your inquiry.

A. B. C. (98/14) writes to say that he was assessed for income-tax 74*l.* more than his actual net profits. When he objected, the tax authorities reduced this by 50*l.*, leaving an excess still of 24*l.*, which he thinks unjustifiable. This sum they appear to arrive at by having regard to the value of his stock. He wants to know what he can do in the matter to have his assessment at the right figure. [The tax authorities would be entitled to have regard to the value of stock, for if an increase took place in this value during the year it would have the effect of raising the figure for profits in a cash account of the business, just as a decrease in the value of the stock would have the effect of lowering the profits figure. It seems, however, as if the tax assessor were trying to justify his increase, and we think "A. B. C." ought to be able, by taking an actual stock account himself, to show the surveyor the assessment is excessive. If he pays a fee to an expert to take the stock, he may deduct this fee from his profits returned for income tax.]

W. H. N. (99/43) wishes to know what, if any, Excise licence is required by a duly qualified chemist to sell British wines, such as ginger wine, raisin wine, or the like, and what such licence costs, when it expires, and where it is to be obtained. [The appropriate Excise licence required is what is called a "sweets off" licence. It costs 2*l.* a year, and expires each year on September 30. A licence for a part of the year may be obtained at a proper proportion of the whole sum. The licence may be obtained through the local officer of Customs and Excise, but no licence can be granted unless the justices' licence has first been issued. Application for this has to be made at the licensing sessions held each year in the month of February, and certain notices have first to be given by applicants. The retail sweets licence authorises the sale of British wines in any quantity not exceeding 2 gals. or one dozen reputed quart bottles. It is only in the case of medicated wines—that is, such wines as in the opinion of the Commissioners of Customs and Excise are so medicated as to be unfit for use as a beverage—that duly qualified chemists have the privilege of selling them without licence.]

G. W. B. (98/46) owns freehold premises which are and have been for some time used as a lock-up shop, although they contain a living-room and scullery. Wishing to raise money on the place by mortgage, he made an agreement with an insurance company through their agent by which they agree to advance him 300*l.* in January 1921, on condition of his paying to them for each of the two years before the advance 8*l.* 15*s.* 6*d.* He has paid one of these instalments, and the second is due in January next. He says it is against the rules of the company to advance money on lock-up shops, but when he pointed this out to the company's agent the agent said the rule did not apply to such premises as his, which have living accommodation. He wishes to know (1) if he can compel the company to make him the advance of 300*l.* in January 1921; (2) when he is next making his income-tax return, should he enter the 8*l.* 15*s.* 6*d.* as rent or as mortgage interest; (3) is he at liberty to make his income-tax return for the profits of last year only, and not on the average of the last three years, as he has hitherto done. [(1) Without having before us the application for the loan and the agreement to make it which passed between "G. W. B." and the company, we could not say what exactly are his rights against the company; but if the only obstacle to getting the advance is the fact that the place is used as a lock-up shop, we think this would be got over by the fact that the company's agent stated the rule did not apply. (2) This payment appears to be either an instalment of the sum to be repaid when the 300*l.* is advanced, or it is mortgage interest. It is not rent. Probably the company engages in building society business, and this is a transaction of that kind. If so, "G. W. B." ought to get what is called an "Arrangement B" certificate from the secretary, and when the income-tax demand note comes send on the note and the certificate to the Surveyor of Taxes of his district for adjustment. (3) The return must be made on the average profits of three years, as before; but if at the close of the tax year the actual profits for the year fall short of the assessed income by more than 10 per cent., repayment of the difference in the tax can be claimed.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

Apo (67/14).—Boiler Composition.—This consists partly of crystals and partly of powder, and is tribasic sodium phosphate with traces (probably impurities) of carbonate and sulphate. You will find a note in regard to the use of this substance as an anti-incrustator in "Pharmaceutical Formulas," p. 503. It is known in commerce as "Tripsa."

M. R. (91/3).—Straw-hat Cleaners.—Cream of tartar is much used as a non-poisonous straw-hat cleaner. The following is another formula:

Sodium bisulphite	10 oz.
Tartaric acid	2 oz.
Borax	1 oz.

Mix.

Directions: Take as much of the powder as may be needed, moisten with water, and rub into the straw by means of a stiff brush.

Spen (94/24).—Chilblain Paint.—The following is the formula for which you inquire:

Ac. carbol.	gr. vj.
Lin. bellad.	ʒij.
Lin. aconiti	ʒj.
Collodii flex.	ʒj.

M.S.A. To be painted every night on the parts affected.

J. R. J. (96/55).—We do not know the composition of the proprietary article to which you refer. In Martindale's "Extra Pharmacopœia," Vol. II., p. 150, will be found a compilation of the approximate formulas of a large number of proprietary medicines.

A. R. B. (86/7).—Silver-polishing Powder.—The following is from "Pharmaceutical Formulas":

Rouge	ʒss.
Heavy carbonate of magnesia ...	ʒviij.
Light precipitated chalk	lb. j.

Triturate the rouge with 2 oz. of the chalk for five minutes and gradually add the rest of the powders. Sift three times. A point about commercial plate-powders is that they are triturated mechanically for a long time to ensure the absence of gritty particles. When selling the above powder, the customer should be advised to use household ammonia as the damping agent.

F. H. R. (104/1).—Cleaning Ivory Piano-keys.—Use for this purpose prepared chalk moistened with spirit of sal volatile or peroxide of hydrogen.

T. H. D. (103/14).—We know of no simpler process of cleaning shop-soiled sponges than washing them in soap and warm water.

M. F. (97/24).—Cream of Tartar Substitute.—Calcium acid phosphate diluted with starch powder (about 10 per cent.) is much used now as a cheap substitute for cream of tartar.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist." Nov. 15, 1869.

Historical Note on Manna.

Mr. Daniel Hanbury, F.R.S., in a paper on manna, alluding to the doubtful nature of the substances provided for the sustenance of the ancient Israelites and termed by them manna, and the origin of the substances known in subsequent ages under that name, mentions the fact that modern manna is derived from a species of ash cultivated in Calabria and Sicily. His inquiries had, however, elicited the curious fact that in the early history of Sicily no mention is made of manna as a production of the island, and it was this and other results of his researches which formed the body of his interesting communication to the Pharmaceutical Society. With regard to the manna described in the Book of Exodus as falling from heaven, the author considers that, accepting the Mosaic account as the narrative of a real event, it may be safely affirmed that no phenomenon is known which is at all adequate to explain it, although the notion of the ancients, that manna is of the nature of dew, and falls from the sky, still lingers in the East.

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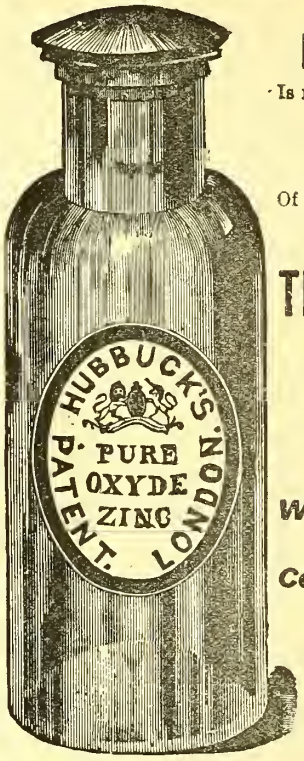
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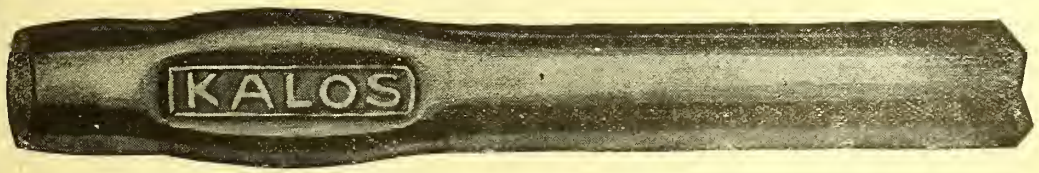
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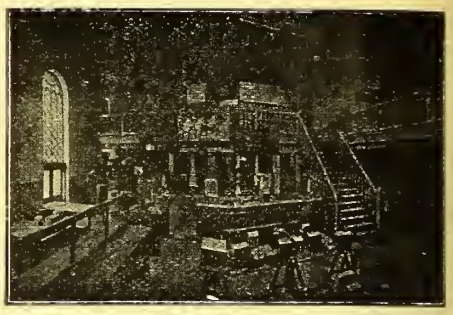
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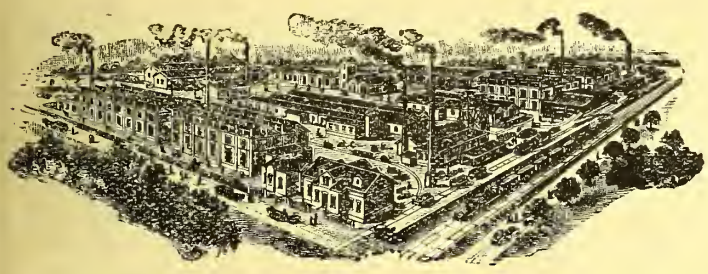
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Each 100 grammes of Valerianate "Gabail" contains:—

Extract of Valerian (French Codex) ...	10 grms.
Acid Valerianic	3 ,,
Ammonium Carbonate	q.s.

Whilst possessing the full medicinal value of VALERIAN the odour is entirely suppressed.

In bottles containing 125 c.c. per bottle **3/4**
,, ,, ,, 250 c.c. ,, ,, **6/-**
,, ,, ,, 500 c.c. ,, ,, **10/6**

Dose:—One teaspoonful.

ELIXIR BROMO-VALERIANATE "GABAIL"

In bottles containing 210 c.c. per bottle **3/9**

Dose:—One tablespoonful.

FREE SAMPLES ON APPLICATION.

Pharmaceutical Specialists

Antiphlogistine is not a side line with us, not one of many preparations; it is our sole product, upon the perfecting of which our force has concentrated its whole attention for twenty-five years.

When your customer buys Antiphlogistine he obtains the benefit of this twenty-five years of specialising.

There is no such thing as "the same as," or "just as good as"

Antiphlogistine
TRADE MARK

Order a £2 quantity from your Wholesaler to-day, **Carriage Paid**, and save 5%.

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41 St. Ann's Road - - - LONDON, E. 3

NOSTROLINE
TRADE MARK REG.
N.379
NASAL SPECIFIC

Look to your Stock!

Place orders without delay direct or through Wholesale.

Protected at face value, 1/3
Price: 1 doz. 11/9, 3 doz. 33/9, 1 gross 135/-

Carriage Paid. Terms: Cash Net.



"NOSTROLINE"
Prevents and Cures
COLD IN THE HEAD,
NASAL CATARRH,
HAY FEVER ETC.
Protects against Infection.

OVERSEAS CORRESPONDENCE INVITED

HAROLD E. MATTHEWS & Co.
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COMFORTINE

has for Forty Years been the Best & Safest Infants' Preservative.

COMFORTINE contains no Opiates or Dangerous Drugs whatever.

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RE-EDUCATION OF THE INTESTINE.
Constipation, Enteritis, Hæmorrhoids, Indigestion, Skin Blemishes, &c.
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POWERFUL BLOOD TONIC.
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SCIENTIFIC SUPPOSITORIES
For Hæmorrhoids, Rectitis, Anal Fistula, etc. Anti-hæmorrhagic, Sedative, De-congesting.
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SCIENTIFIC PREPARATION OF LACTIC FERMENTS.
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Antiseptic for local Gynæcological use.
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SPECIFIC FOR THE LIVER.
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Full directions for use enclosed in every package.
Packed in 6d. and 2/- Packets and 2/3 Canisters.
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Minimum Retail Price—FACE VALUE.



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46% Profit

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Chocoloids are supplied to the retailer in two sizes—at 12/- and 24/- per dozen. With each dozen small size is given FREE two small tins, and with each half-dozen large size one large tin. Retail price 1/3 and 2/6 respectively.

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SPECIAL TERMS for WINDOW AND COUNTER DISPLAYS.
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The finest preparation for Rheumatism, Sciatica, Neuritis, Muscular Stiffness, Sprains, Cramp, Stings and Bites.
Should be stocked by every Chemist.
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Discount 5 per cent. on £1 worth, 7½ per cent. on £5 worth and upwards.

Packages charged at cost, and are not returnable. Carriage forward.

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The material we are in a position to supply gives a very striking gold and purple effect, and has the advantage of being easily installed, thereby saving time. The line pays you better to handle than any other of its kind on the market. You are under no obligation if you send a postcard for our terms. May we send these particulars?

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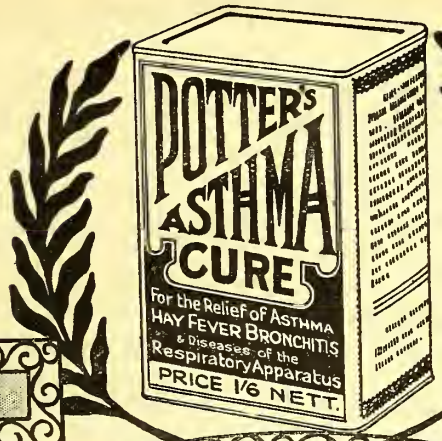
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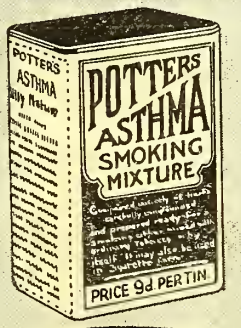
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14/- DOZ NET

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ADVERTISED EVERYWHERE

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9d. Tins (P.A.T.A. 9d.) 7/- DOZ. NET.



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PLANO

The Best Thing out for Rough Skin and

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Sold everywhere at the Popular Price ... **3d.**

TRADE PRICES:

6 doz., 12/- net; 1 gross, 23 6

Carriage Paid. 13 to the dozen for cash with order.

SPECIAL OFFER.

13 dozen tablets, per parcel post, cash with order, **£1 3s. 6d.**, less 2½% (**£1 2s. 11d.** net).

We could print pages of testimonials.

Neat and Attractive Show Matter supplied with each order.

Cater for your Customers who use

Home-made GINGER WINE

They usually come at Christmas with a recipe that takes a few minutes to serve, and perhaps say you charge too much.

Recommend SLEGGS' TOBOGGAN GINGER

Served in a moment. The directions are so simple, and the wine it makes so good, that **many people buy it again and again**, summer and winter.

RESULTS: MORE SALES, MORE PROFITS.

RETAIL — 1/- PER BOTTLE.

TRADE PRICE ... ... 9/3 per dozen net.

SHOWCARDS SUPPLIED.

A Display at Xmas is seasonable and brings Business.

DISCOUNT:—One Line or Assorted. Orders of £1, 2½%, £5, 5%; £10, 7½%.

SEND IN YOUR ORDER NOW.

MILNER'S CHEMICAL COMPANY, LIVERPOOL

"YADIL" ANTISEPTIC PREPARATIONS.

Revised Prices now in force.

All previous prices cancelled. *New Prices on the P.A T.A.*

LIQUID—

Sizes	2 oz.	6 oz.	20 oz.	40 oz.	80 oz.	160 oz.
Retail ...	2/-	3/6	9/6	17/-	30/-	55/-
Chemists' prices, per doz.	17/6	31/-	84/-	152/-	288/-	528/-

JELLY—

Sizes	8 oz.	16 oz.
Retail	5/-	8/3
Chemists' prices, per doz.	44/6	73/6

ELIXIR—

Sizes	6 oz.	20 oz.	40 oz.	80 oz.	160 oz.
Retail ...	5/-	13/6	25/-	45/-	70/-
Chemists' prices, per doz.	45/-	121/-	223/-	399/-	675/-

OINTMENT—

Sizes	1 oz.	8 oz.	16 oz.
Retail	1/3	8/3	16/-
Chemists' prices, per doz. ...	11/-	73/6	156/-

PASTILLES—per Tin, Retail 3/6. Chemists' Prices, per doz. 31/6.

The Liquid, Ointment and Jelly are also put up under Green Labels for Veterinary purposes. Sizes and Prices same as above.

All orders must be sent to Wholesale Firms. No free samples given.

Clement & Johnson, 19 Sicilian Avenue, London, W.C.1.

The word "Yadil" is registered in all important countries as a Trade Mark for our Trimethenal allylic carbide.

Important Warning to the Trade

THIS WINTER WE AGAIN EXPECT A SHORTAGE OF

SANATOGEN & FORMAMINT, etc.

To avoid disappointing your customers you should place big orders as quickly as possible.

IN the first place, a recurrence of the Influenza Epidemic is anticipated — and you know what *that* will mean with Formamint and Genasprin.

Secondly, the coming milk famine is bound to restrict our production of Sanatogen—also of Formamint and Cystopurin, on account of their milk-sugar basis. (Cystopurin, by the way, is greatly in demand from doctors, owing to the increase in venereal diseases.)

Thirdly, our rapidly growing export trade has prevented us from conserving stocks during the summer months, as we have hitherto done; while we cannot increase our Genasprin output until the new factory is ready.

Fortunately, the summer sales of Sanatogen have been only normal, but they are now leaping up again; and, its nutritional properties being so well known, there will probably be a record boom in Sanatogen (also in **Sanatogen Chocolate**) immediately the food shortage is felt.

That is what may be expected, then—an abnormal demand for our lines, coupled with an equally abnormal shortage; and the retailer who acts promptly—by getting in big stocks while they are still obtainable—will reap the benefit of his foresight.

GENATOSAN, LTD. **(British Purchasers of the Sanatogen Co.)**

12 CHENIES STREET, LONDON, W.C.1. (*Chairman :* The Viscountess Rhondda.)

FINEST **BLACKS** AND

COLOURS

(ALL SHADES)

CARAMEL COLOUR

IN POWDER.

Guaranteed Harmless.

50

times the concentration of Liquid Caramel.

Sample on application.

Soluble in

WATER SPIRIT
OIL TURPS
WAX BENZOLINE
GLYCERINE NAPHTHA
PETROLEUM CREOSOTE
and
IN FACT—ANYTHING.

BLACK FOR INK.

MARKING INK.

ETERNITE

A combined Stain and Preservative for Wood

HOUSEHOLD DYES.

RHEUMSOL BATH SALTS

In 1/- Tins.

WILLIAMS BROS. & CO.

Hounslow, Middlesex.



At your service for this winter's requirements of highest grade Chemically Pure Glycerine.

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CHRISTR. THOMAS & BROS., LTD.
DISTILLERS OF REINDEER GLYCERINE
BROAD PLAIN, BRISTOL
Established 1745.

Genuine Russian **LIQUID PARAFFIN**
All gravities, correct viscosities

"Jasmine Brand" **ADEPS LANÆ**
Lanoline
Superfine Anhydr. and Hydrous

"Jasmine Brand" **PETROLEUM JELLIES**
White and Yellow

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Chem. Pure, Water-white, Tasteless, Odourless
FOR MANUFACTURING PURPOSES

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Finest Qualities
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ALSO TRANSFORMER & INSULATING OILS.

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Actual Refiners and Manufacturers at their Works near London.

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BRITISH WAX REFINING
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WHITE BEESWAX
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All Waxes Refined, Bleached and Manufactured at our Works, REDHILL, SURREY.

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PURE ESSENTIAL
OIL OF HOP.
Singly and fractionally distilled.
HIGHEST CONCENTRATION AND PURITY GUARANTEED.
Prices, samples and information from the distillers:—
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REAL SILVER LEAF
As supplied for many years to the leading Houses for Pills, Cachous, &c.
We also supply
GOLD LEAF AND GOLD POWDERS
WHOLESALE ONLY.
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White, Yellow, Amber, & Ruby Red, for all Pharmaceutical and Veterinary purposes

MEADE-KING, ROBINSON & CO., LTD.
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"ULTRAVI" Brand.

The Latest & Best.

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THE
C.V.O. Chemical Works,
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Petersham Road,
RICHMOND (SURREY).

Salvo Petrolia
the perfection of Petroleum Jelly

in qualities, white, lemon, yellow and golden, for pharmaceutical purposes.

MANUFACTURED SOLELY BY
The Dee Oil Company, Ltd.
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Packed in barrels, kegs and smaller packages according to requirements.

Inquiries are solicited for this article of **BRITISH MANUFACTURE,** and buyers may rely that for quality and price it will meet any competition

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"OLEUM DEELINÆ," a certain cure for **Eczema.**

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New Season's Finest Non-Freezing
NORWEGIAN COD LIVER OIL

Our own Import. 1 gallon **24**/–; 5 gallons **22**/–; barrel **20**/– per gallon.

COD LIVER OIL EMULSION

A perfect product, contains 33⅓% of finest Norwegian Oil. Palatable, inseparable, and easily assimilated and digested.
Winchester **1/6**; 6 Winchesters **1 4**; 24 Winchesters **1/3** per lb.

PARAFFIN. LIQ. B.P.

S.G. ·865/·875 Winchester **1/8**; 6 Winchesters **1/6**; 10 gallons **1/4** per lb.
S.G. ·885/·895 „ **1/10**; 6 „ **1/8**; 10 „ **1/6** „

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Containing 33⅓% Paraffin Liq. S.G. ·890. A "PERFECT" White Emulsion.
Winchester **1/6**; 6 Winchesters **1/4**; 24 Winchesters **1/3** per lb.

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We only ask you to write for Samples, they and our Prices will do the rest. Also ask for our General Price List.

BROOK, PARKER & CO., Ltd., Manufacturing Chemists
ASHFIELD, BRADFORD, YORKS.

Medicinal
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COD LIVER OIL
FROM STOCK.

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IN BULK, JARS OR TINS.

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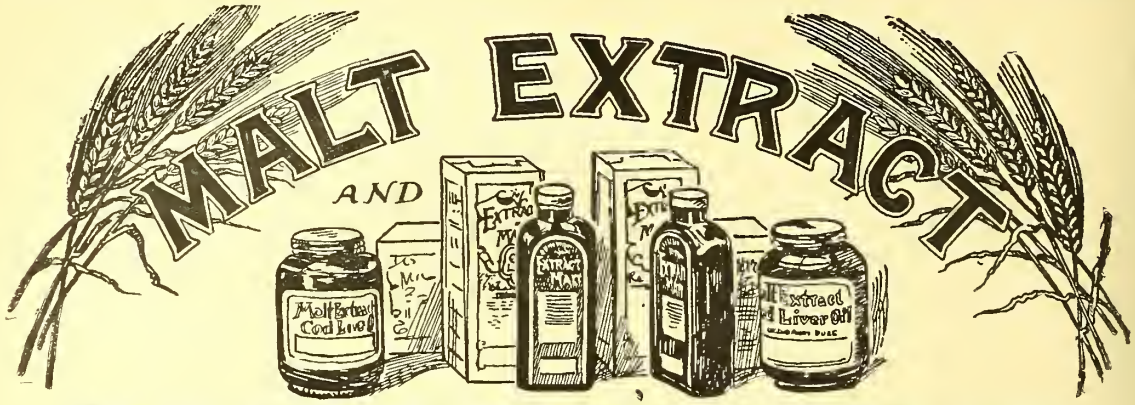
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Prepared only from the finest East-Coast Barley, Combined with the best Norwegian Non-Freezing Cod Liver Oil.

Packed in Screw-Capped Jars, Bottles and Tins, holding 1 lb. and 2 lbs. Neatly Labelled and Wrapped. Customer's Name printed on Labels for Orders of 1 gross and upwards.

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Fine Pharmaceutical and Heavy Chemicals.

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*LOSALL'S SALT (well advertised), tins	10d.	7/-
* " " " " "	1/7	13/6
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Losall's Salt sells so well, surely it must pay Pharmacists to stock such a big profit-bearing protected line.

LOSALL'S COMPOUND SULPHUR SOAP.

A valuable emollient medicated skin soap, especially suitable for use in Eczema. 3 Tablets in a box at 9d. each tablet.

Box.	Doz.
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DIABETES

FLOUR, BREAD, BISCUITS, FOOD, RUSKS, COCOA, Etc. Also Foods for Anæmic, Dyspeptic, Invalid and Aged People and Infants. Highly recommended by Medical Profession.
INFANTS' FOODS packed under Chemists' "OWN NAMES."
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ROLLS AND BOXES (Collapsible)

Cut Pieces. Cartons for Packing. Waxed Papers. Greaseproof Papers. Waxed Corrugated. Tinted Corrugated. Strong "Outers."

Complete Packing Schemes. Keenest Prices.
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The Finest Quality Aerated Waters are made only with the Finest Quality ESSENCES

BOAKE ROBERTS'

Soluble Essences are of the finest quality and being extremely concentrated are most economical

Lemon	Ginger Ale
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A. Boake, Roberts & Co. Ltd.
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Tonic, Restorative, Digestive Wine.

Known throughout the World, and prescribed in all cases of ANÆMIA, DEBILITY, and CONVALESCENCE, to Young Women, Children and the Aged.

DOSE: One Wine-glass after the two principal Meals.

Recommended by—
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"For more than thirty years St. Raphaël Wine has been exclusively prescribed, with success, in the Paris hospitals as a pure tonic, by eminent physicians, such as Magendie Rostan Chomel, Velpeau, Requin, Monneret, Trousseau, Grisolle, Laënnec, &c."—*Union Médicale*, May 8 and June 12, 1873.

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Cie du VIN SAINT RAPHAEL, Valence, Drome, FRANCE.

To be obtained from all Wholesale Druggists.

New Customers every day
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WINE FOOD



Extensive Advertising is creating a colossal demand for WINOX, the finest Medicated Wine on the market, and the only Tonic Wine selling entirely on merit.

Secure stocks to-day and double your turnover.

WINOX WINE FOOD is a high-class Pharmaceutical Wine, containing all the food elements of wine, prime English beef, malt, and unfermented grape juice, a triumph of concentration without drugs. Complete Analysis on every bottle.

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Write for particulars of this **41 %** ***Profit Proposition*** *to-day.*

WINOX, LTD., RICHMOND, SURREY.

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.
FOR QUOTATIONS apply to—

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The Largest Makers in the Kingdom,
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A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P.) Prepared in strict accordance with the Formula of the British Pharmacopœia. **(Wholesale only)**
London Agent: JAMES STIRTON, 43 GREAT TOWER STREET, E.C.3.

WINCARNIS

Sells readily ALL the time.

IMPORTANT NOTE TO CHEMISTS WITHOUT LICENCES

It has been established by law that Registered Chemists may sell "Wincarnis with Quinine" *without* a licence.

COLEMAN & CO., Ltd., Wincarnis Works, NORWICH.

FOR THE FESTIVE SEASON

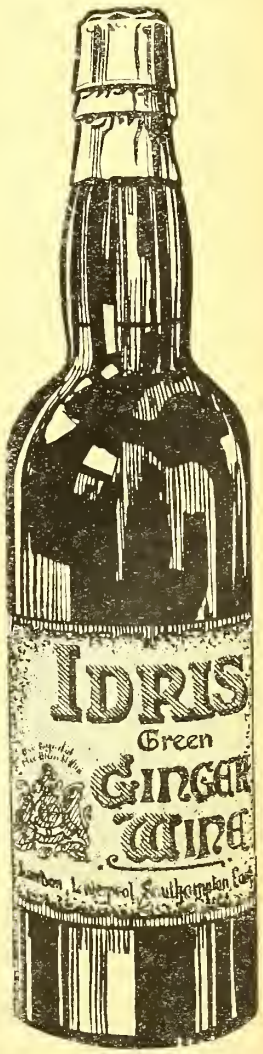
IDRIS

WINES——and FRUIT CORDIALS

—will please your customers,
—will increase your turnover,
—will benefit your purse.

For terms, etc., write:

SALES MANAGER, DEPT. T5,
IDRIS & CO., Ltd.,
Camden Town,
LONDON,
N.W.1.



THE AUTUMN ADVERTISING is preparing new customers for you: are you ready to supply?

ATKINSON & BARKER'S
ROYAL
INFANT'S PRESERVATIVE

ON P.A.T.A. LIST.

Prices and Terms on application to R. BARKER & SON, Ltd.
13 Wesley St., C.-on-M., MANCHESTER.

DOES NOT CONTAIN any SCHEDULED POISON.

THE MOST ECONOMICAL INFANTS' FOOD.

TRADE MARK "FRAME FOOD"

ON P.A.T.A. LIST. *SHOWCARDS FREE.*

FRAME FOOD CO., Standen Road, Southfields, London.

Do You Sell Sister Lauras Food?



The question is often asked nowadays The Chemist who does n t stock Sister Lauras Food is missing a good line.

Sister Lauras Food is achieving great success as a preparation for weakly babes and for invalids and the aged.

It makes milk digest ble and is invaluable in cases of malnutrition.

It is a thoroughly reliable line and one that brings a handsome return.

Price 1/- & 2/6 per tin. *Samples and advertising matter free on application.*

SISTER LAURAS INFANT FOOD CO., Ltd., 156 Vincent Street, GLASGOW.

CHELTINE MILK & MALTED FOODS

No 1, from birth to five months.
No 2, from five months onwards.
No 3 for Invalids, Dyspeptics, the aged, and those with enfeebled digestion.

Experience is proving, and medical men are testifying to the value of these perfect Foods. Terms and full particulars from

THE CHELTINE FOODS CO., CHELTENHAM.

John E. Raworth & Moss,

Chartered Patent Agents.

The Old Mansion House, 73 Cheapside, E.C. 2. AND *Queen Anne's Chambers, Westminster, S.W. 1.*

BRAND'S ESSENCES
OF
BEEF, MUTTON and CHICKEN

Possess great nutritive and restorative powers, being immediately digested and absorbed by the stomach. Although effective stimulants in physical and mental exhaustion, they contain no wine or other deleterious admixture.

BRAND & Co., Ltd., MAYFAIR WORKS, VAUXHALL, LONDON, S.W.

A SPA IN THE HOME



EUSALAX

A pleasing Mineral Aperient & Tonic.

For sufferers from Rheumatism, Gout, Sciatica, Neuritis, Lumbago, Eczema, Dyspepsia and Constipation.

"EUSALAX" is a careful and scientific combination of the beneficent mineral salts of some of the most famous Continental spas. It is one of the greatest solvents of Uric Acid, a natural stimulant to the liver, kidneys and intestines, and a sure blood purifier.

"EUSALAX" is being extensively advertised and is sure to prove a strong selling line.

Retailed in 1/- boxes: trade terms 7/6 per doz. boxes.
(Yielding 60% profit to chemists)
Also Retailed in 2d. packets: trade terms 1/4 er doz. pkts.
(Yielding 50% profit to chemists)

GEORGE WALKER & SON, Ltd., Reid St., Bridgeton, Glasgow
(ESTABLISHED 1860)

When consulted about

Diabetic Foods

remember the advantages of the "ENERGEN" Brand.

Prescribed by leading Specialists.
Carry a good profit to the Chemist.
Inquiries invited.

Therapeutic Foods Co.
19c Roundwood Road, Willesden, N.W.10.

SELLING AGENTS AND TRAVELLERS.

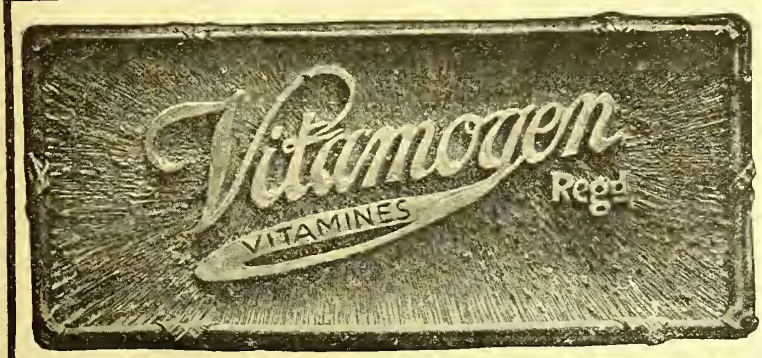
"FREMLIN-ROGERS" MILK STERILIZER

(STEAM-HEATED)

for Hospital, School, Dairy, Hotel and Domestic use.

Liberal discount allowed Agents, and commission to Travellers.

Write for particulars to "MILK STERILIZERS,"
24 Buckingham Street, Strand, London, W.C. 2.

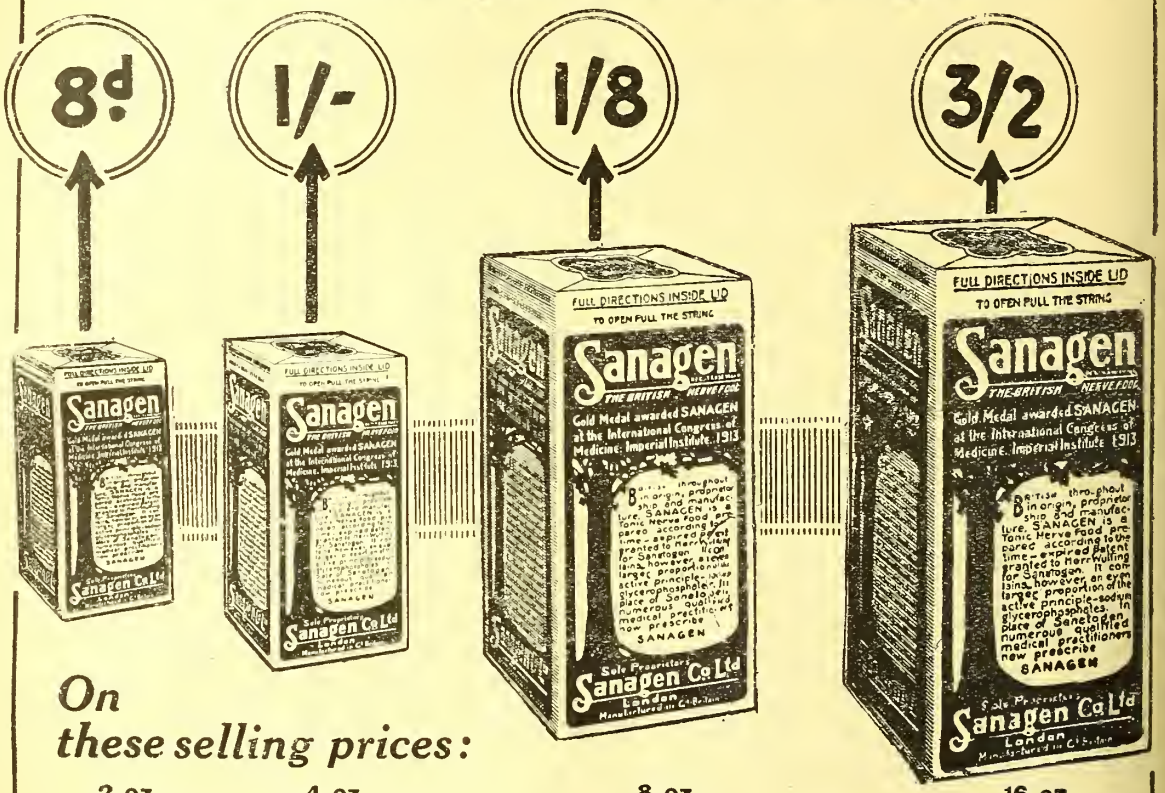


VITAMOGEN contains the essential *Vitamines* in an active and concentrated form. VITAMOGEN is in itself a food of the highest potency, rationally concentrated according to approved scientific methods. It is rich in organic, i.e. assimilable Phosphorus, and the proportion of nutritive constituents is well balanced to meet the physiological needs of the organism.
VITAMOGEN stands alone as a means of supplying the Vitamines — an entirely new food element.
VITAMOGEN is packed in two sizes, 2/9 and 5/9, obtainable from all the principal wholesale houses.
VITAMOGEN owes its origin to our Chairman, who, 20 years ago, invented Virol, the well-known Invalids' Food.

63 LEATHER LANE, LONDON, E.C.1.

Vitamogen LTD.

Profit per Package



On these selling prices:

2 oz.	4 oz.	8 oz.	16 oz.
2/-	3/-	5/-	9/6

It costs the Chemist—as well as other folk—more to live and carry on his business nowadays. The cost of living has gone up 130 %, and the Sanagen Company, Ltd., recognise this and the chemist's absolute need of a suitably increased percentage of profit, as will be seen by the following schedule of Prices and Profits—

SIZES	SELLING PRICES	CHEMISTS' PROFIT
2 oz.	2/-	8d.
4 oz.	3/-	1/-
8 oz.	5/-	1/8
16 oz.	9/6	3/2
	19/6	PROFIT 6/6
33⅓ % Trade Discount	6/6	on 13/-, showing
Cost to Chemist	13/-	50 % PROFIT

AWARDED GOLD MEDAL AT INTERNATIONAL MEDICAL CONGRESS, LONDON, 1913.

Sanagen

Trade Mark Regd.

THE ALWAYS BRITISH NERVE FOOD

ALL WHOLESALE HOUSES STOCK IT.

SANAGEN CO., LTD., SHEEPCOTE LANE, BATTERSEA, S.W.11.

TELEPHONE: VICTORIA 2031.

WHOLESALE PRICES OF

'QUINPHOS'

[REGD.

THE GREAT TONIC.

	Minimum Retail Price.	Wholesale Price.
On the P.A.T.A.	1/3 . . .	11/6 per doz.
	3/- . . .	27/6 ,,
	5/- . . .	48/- ,,

LIQUID OR TABLETS.

CARRIAGE IS PAID ON ORDERS OF 10/- UPWARDS.

A SPECIAL DISCOUNT OF 5% IS GIVEN FOR CASH WITHIN ONE MONTH.



15 INCHES.

29 INCHES.

BONUS FOR WINDOW DISPLAY as above.

No. 1—For a 25/- order of "QUINPHOS," equivalent to 1 doz. 1/3 size and ½ doz. 3/-, liquid or tablets or assorted, there is a bonus of 3×1/3 size with high-class Cut-out and Showcards for Window.

No. 2—For a £3 order of "QUINPHOS," assorted sizes, liquid or tablets or assorted, there is a bonus of 9×1/3 size, with high-class Cut-out and Showcards for placing in the Window.

No. 3—For a £5 order of "QUINPHOS," assorted sizes, liquid or tablets or assorted, there is a bonus of 15×1/3 size, with high-class Cut-out and Showcards for Window Display.

SOLE MAKERS:

THOMPSON & CAPPER, LTD.

Manufacturing Chemists,

Manesty Buildings, College Lane, LIVERPOOL.

Telegrams: "SANITAS LIVERPOOL." ESTABLISHED 1843. Telephone: ROYAL 2060.

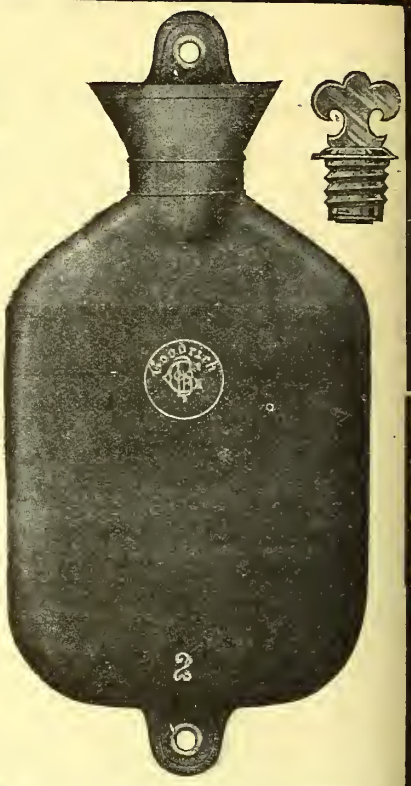
Patent Neck



Improved HOT WATER BOTTLES

THE **'Ronoleke'** British Made. Requires no Washer. Note the Patent Neck and Stopper. Guaranteed never to leak unless wilfully damaged.

High-grade Moulded Red Hot Water Bottles. Superior Quality. Strong and pliable. Each Bottle boxed singly. Made in 2 Sizes.



The Thames Rubber and Leather Co.

199 UPPER THAMES ST., LONDON, E.C. 4.

Established 1851.
Telephone: 7226 Central.
Telegrams:
"Thames Rubber, Cannon, London."

Write for Prices

RELIANCE



Moulded-Seamless Hot Water Bottle

The big profit maker and the most beautifully finished and attractive piece of Rubberware made.

It is moulded in one piece, without seam or join; has no uncomfortable rigid side flanges; has a larger capacity than any other bottle of its size; and has the original patent oval safety neckpiece, which never leaks. Handsome maroon colour.

If you have not yet sold this bottle, write for samples and copies of "Rubberware Sales" Reliance Bulletin Sales Service, which will assist you to increase your sales.

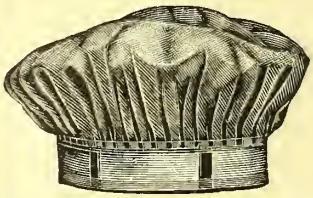
Reliance Moulded-Seamless, price	**7/6**	each retail.
Reliance De Luxe	**10/6**	,, ,,
Reliance Baby De Luxe	**4/6**	,, ,,

These are the best and fastest selling bottles in the trade. Ladies buy them before all others. Don't fail to see samples at once.

RELIANCE RUBBER COMPANY
LIMITED
212-218 Upper Thames Street London. E.C. 4.
Telephone City 2391 (Two lines) Telegrams Doorlop Cent. London.

RUBBER BATHING CAPS

Latest styles and shades 9/- doz. and upwards.



WHOLESALE & EXPORT

To facilitate output a special discount will be allowed on all orders received before 1st Feb. 1920.

Hot water bottles, air cushions, beds, enemas, etc.

ALLIED RUBBER & LEATHER Co.,
19 Cannon St., Manchester.

RUBBER GOODS

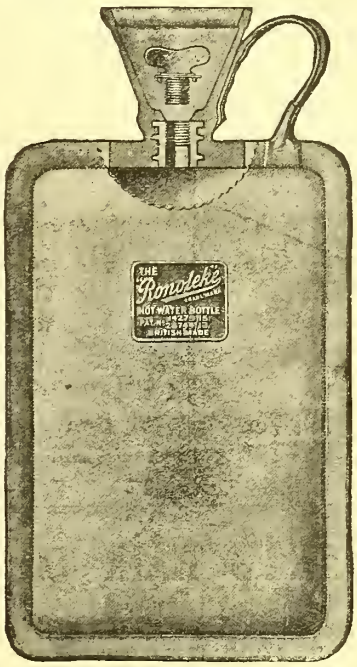
(FOR ALL KINDS OF SURGICAL)

TRY—

JAMES TOMPKINS, Ltd
THE RUBBER HOUSE,
386 City Road, London, E.C.1.
ALL BRITISH Established 1877.
Phone: City 7640.

Douches — Enemas — Hot Water Bottles — Pessaries — Syringes—Urinals (Rubber), Whirling Sprays, &c. &c.

Every "Ronoleke" You Sell Makes a Customer For Your Other Lines.



The fact that the "Ronoleke" Bottle CANNOT leak makes satisfied customers who will have confidence in coming to you for all their other needs. Make sure of your supply of "Ronoleke" Guaranteed Unleakable Hot Water Bottles by ordering through your Wholesale House right away NOW.

They will supply you also with attractive advertising material, and the "Ronoleke" itself will advertise you in every purchaser's home.

Prices of the "Ronoleke" Hot Water Bottle

PROTECTED ON THE P.A.T.A. LIST.

Size	Minimum Wholesale Prices to Retailers.	Minimum Retail Prices to Public.	Size	Minimum Wholesale Prices to Retailers.	Minimum Retail Prices to Public.
6″ × 8″	4/6	6/9	8″ × 12″	6/2	9/3
6″ × 10″	4/10	7/3	9″ × 12″	6/7	9/11
7″ × 10″	5/–	7/6	8″ × 14″	6/8	10/–
6″ × 12″	5/2	7/9	10″ × 12″	7/–	10/6
8″ × 10″	5/6	8/3	10″ × 14″	7/11	11/11
7″ × 12″	5/8	8/6	10″ × 16″	8/6	12/9
6″ × 14″	5/8	8/6	12″ × 16″	9/2	13/9

Apply for your Supply through your Wholesale House.

SATISFY YOUR CUSTOMERS

The "Fastnet" BANDAGES

In Sealed Cylinders.

Used by Discriminating Medical Men.



The following are a few of the many advantages of the "Fastnet" Bandages over any other Water-dressing Bandages on the market :—

(1) The cloth from which they are made is of even manufacture, very absorbent and heavy texture.

(2) They are tightly rolled by a patent process, the benefit of this will be at once appreciated by the surgeon when applying.

(3) They are cleanly cut and evenly packed.

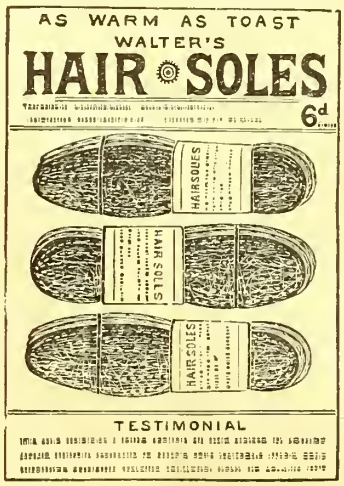
(4) They are each packed in a sealed cylinder, ensuring cleanliness in use and in storage, and require no further wrapping before sale.

Samples and prices can be had on application to Sole Agents :—

JOHN TIMPSON & CO., Ltd., 104/6 Golden Lane, London, E.C.1

WALTER'S HAIR SOLES

are again in the market



BOOK ORDERS EARLY.

SEND FOR OUR PRICE LIST.

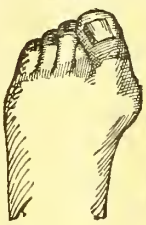
7/6 per doz. pairs.

BOURNE, JOHNSON & CO.

34 & 35 FURNIVAL STREET, LONDON, E.C.4.

Druggists' Sundriesmen.

ESTABLISHED 80 YEARS.



FOOT TROUBLES

such as Corns, Bunions, Callouses on the Sole, Flat Foot, Cramped Toes, &c., are increasingly prevalent owing to unaccustomed War Work.

Dr Scholl's *Foot Comforts*

are the result of years of experience devoted to the treatment of Foot Ailments by Dr. Scholl, and are to-day recognised as the most perfect corrective devices on the Market. They are in constant demand, and all Chemists will find it profitable to stock them.

Send for Wholesale Price List.

THE SCHOLL MFG. CO., Giltspur St., E.C.

Buy direct from the Manufacturer.

The

Bouverie Seamless Rubber Works

GLOVES, TEATS, SOOTHERS

and every description of seamless goods.

Inquiries invited. *Samples gladly submitted.*

H. NORTHCROFT, 85 Bouverie Road,

STOKE NEWINGTON, N.

P.A.T.A. NOTICE.

113 Temple Chambers, E.C. 4.

Nov. 29, 1919.

The following revised prices are now in force :

Advertised Price.	Minimum Retail Price.	Minimum Wholesale Price.
"Allenburys"—		doz.
2/3 Muscabane Lotion ...	2/3	20/3

PROPAGANDA MEETING.

THE HAMPSHIRE PHARMACISTS' ASSOCIATION will hold a meeting at the South-Western Hotel, Southampton, on Wednesday, December 3, 1919, commencing at 3 p.m.

Mr. P. F. ROWSELL, Vice-President of the Pharmaceutical Society, will give an address on

"P.A.T.A. Aims and Objects."

Mr. H. WILSON, Southampton, will entertain all the members present to High Tea after the meeting.

MARTINDALE'S



P.A.T.A.

GOODS

ARE

"FACE VALUE"

as from

December 1



W. MARTINDALE,

10 NEW CAVENDISH ST., LONDON, W.

Telegrams: "MARTINDALE, CHEMIST, WESDO, LONDON." (3 words).

Telephones: GERRARD 4688 PADDINGTON 1797

In addition to the "APOLLO" Brand of PURE STICK LIQUORICE JUICE, MacAndrews & Forbes, Ltd., make an equally high-class stick, which they sell under registered brand of "MAFCO." This Stick Juice is guaranteed pure extract of the richest Liquorice Root in the World.

APOLLO

It has a strong liquorice flavour due to its highly-concentrated form. Like "APOLLO" Juice, it is highly soluble and free from dirt and grit. These Juices are made by the largest Pure Liquorice Manufacturers in the World, under direct supervision of an expert British Staff.

MACANDREWS & FORBES, Ltd., 2 Broad St. Place, London, E.C. 2.

ESTABLISHED 1857.

A. DE ST. DALMAS & CO. LTD.

Contractors to His Majesty's Government.

LEICESTER. *(Established 1828.)*

—MANUFACTURERS OF—

MEDICAL PLASTERS

Spread Plasters. Adhesive, Belladonna, Soap Cerate, Roborans, Flesh colour Adhesive, &c.

Hospital Strapping. On Holland Pure Stout Calico, &c.

Porous Plasters. All kinds. On Cotton Cloth Red Felt, White Kid, &c

Rubber Adhesive Plaster. On Cotton Cloth or Holland—In Tins or on Spools.

Court Plasters, Toothache Plasters, Corn and Bunion Plasters, Mustard Leaves, &c.

SURGICAL BANDAGES

Waterdressing, Fastedge, Calico, and Flannel Bandages, Elastic Web, Crepe Velpeau, and Plaster of Paris Bandages.

THE LEICESTER "VARICO" LEG BANDAGE.

TRADE MARK.

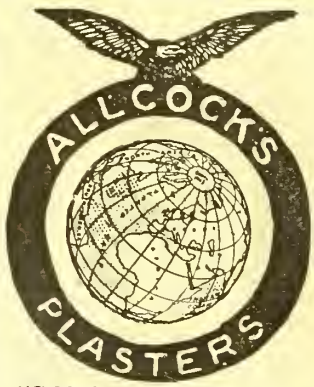
ESTABLISHED 1847.

Allcock's PLASTERS

A REMEDY OF 70 YEARS' STANDING.

Allcock's Plasters
Allcock's Corn and Bunion Plasters
Brandreth's Pills

The Three Reliables.



Prices and Terms on application to

ALLCOCK MANUFACTURING COMPANY
22, Hamilton Sq., Birkenhead, England.

"Sold all round the World."

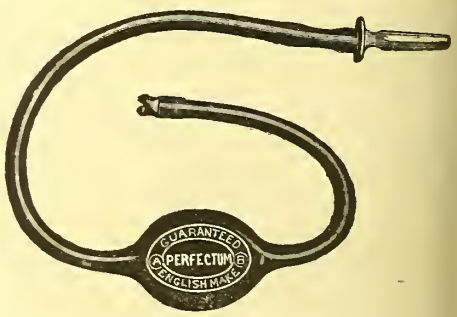
GUARANTEED

ENEMA SYRINGES

OF

BRITISH MANUFACTURE.

FOR IMMEDIATE DELIVERY.



Special Quotations for Shippers and Large Buyers.

Sole Proprietors of the "Perfectum" Brand.

ARTHUR BERTON, LTD.

15-17 Worship Street, LONDON, E.C. 2.

Also at MANCHESTER & GLASGOW.

Telegrams: "Aybelim, Finsquare, London." Phones: WALL 507,7620; CITY 99

HOT WATER BOTTLES AND AIR CUSHIONS

THE "EMPIRE" BRAND

One Quality only—THE BEST. Guaranteed for 2 years.



FIG. 957.—Side Handle.

Sizes	6×8	6×10	6×12	8×10	8×12	8×14	10×12	10×14
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Heavy weight ... ... each	4 0	4 4	4 8	5 0	5 6	6 0	6 3	7 0
Covers, scarlet or grey plush ,,	1 5	1 8	1 10	2 0	2 2	2 8	2 10	3 3

Fig. 1194. **The "EMPIRE" Red Indiarubber Air Cushion.**

Sizes	14	15	16	17	18	19	20 ins.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Circular Shape ... ... each	8 0	9 0	10 0	11 0	12 0	14 0	16 0
Square shape ... ... ,,	12 0	13 6	15 0	16 6	18 0	19 6	22 0

5% discount allowed for prompt cash off above prices.

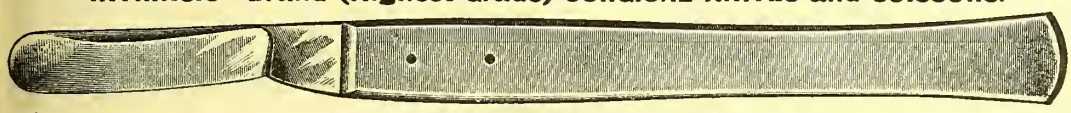
We are the right House for BRITISH-MADE GOODS—Anti-Rheumatic Rings, Bandages, Belts, Catheters, Clinical Thermometers, Combs, Enemas, Elastic Hosiery, Hot Water Bottles, Pessaries (Quinine), Rubber Sponges, Splints, Sponge Bags, Tooth Brushes, Trusses, Water and Air Beds, Water and Air Cushions, Waterproof Sheeting, and every description of Rubber Goods.

ILLUSTRATED PRICE LIST POST FREE. OUR GOODS ARE RIGHT. MONEY BACK IF NOT SATISFIED.

BURGE, WARREN & RIDGLEY, LTD.

91 & 92 GREAT SAFFRON HILL, LONDON, E.C.1.

"INTRINSIC" Brand (Highest Grade) SURGICAL KNIVES and SCISSORS.



Inquiries Invited by the ACTUAL MAKERS. Amputating, Dissecting, and Veterinary Knives, Symes, Scalpels, Bistouries, Lancets, etc.

J. MILNER & CO.

Orient Works, 36 & 38 Matilda St., SHEFFIELD (Estd. 1842).

ELASTIC GUM SURGICAL INSTRUMENTS.

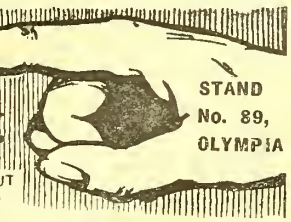


Catheters and Bougies, in Black or Brown Gum, and Finest Silk Web. Specula, Rectal and Œsophageal Instruments, Horse Catheters and Cattle Probangs. Wholesale and Export only. *Price List from the Manufacturers.*

MASON BROS. & CHAPMAN, 107 Whitecross St., LONDON, E.C.1.



MEND-A-TEAR
MEANS MORE PROFIT
FULL PARTICULARS FROM
THE LEICESTER RUBBER CO LTD
LEICESTER.



MENDS WITHOUT STITCHES

STAND No. 89, OLYMPIA

PATENT MINERALIZED

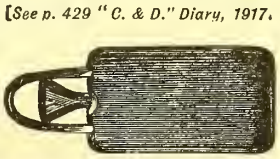
INDIA RUBBER

[See p. 429 "C. & D." Diary, 1917.

(Red Mineralized and Arabesque).

SURGICAL, CHEMICAL, DOMESTIC ARTICLES, SYRINGES, ENEMAS, WATER BEDS.

Manufacturers of every description of ***INDIA RUBBER****, Wholesale & Export only.*



WM. WARNE & CO., Ltd., 29 Gresham Street, LONDON, E.C. 2.

RUBBER CORKS

IMPORTANT

It is not generally known that Corks made of Rubber are to-day 25% cheaper, are more serviceable, reliable, and give greater sealing facilities than any other kind. We specialise for the requirements of the Chemical Trade, and manufacture all standard sizes.

	Drab Ammonia Proof.	Drab Acid Proof.
Prices for 8-oz. Bottles ...	3/3	4/3 per gross
,, 16-oz. ,, ...	4/9	5/9 ,,

Other sizes—Prices on Application.

SPECIAL PRICES FOR LARGE QUANTITIES.

We also manufacture BUNGS for ½-gall. and 1-gall. Jars.

RED & BLACK RUBBER CORKS of the Best Quality for Laboratory use.

Inquiries Solicited.

Garden City Rubber Company

Manufacturers of all Rubber Specialities for Medical, Chemical & Laboratory use,

Letchworth, Herts.

Telephone: Letchworth 54. Telegrams: "Rubber Letchworth."

Real Good Lines

Pumisope "The Hand Cleaner"

Dry Cloth-cleaning Balls
(All Colours)

Precipitated Chalk
(Powder)

Prepared Chalk
(Powder and Cones)

Fancy Boot-top Cleaning Balls
(All Colours)

Magnesia, Rouge, &c.

H. H. HANCOCK Regd. No. 266037 LONDON

HANCOCK'S, LTD.

"The Factory," OLD BATTERSEA, S.W.1.

WHOLESALE: Write for QUOTATIONS

OYLERS' TRANSPARENT RUBBER TEATS

EXCELLENT IN EVERY WAY.

SEAMLESS, great clearness and transparency, all impurities plainly visible. Easily cleaned.

Stand all tests, including boiling, very supple and durable, grip well at the neck. Superior manufacture.

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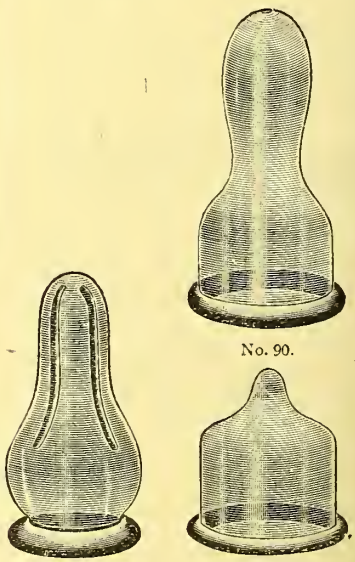
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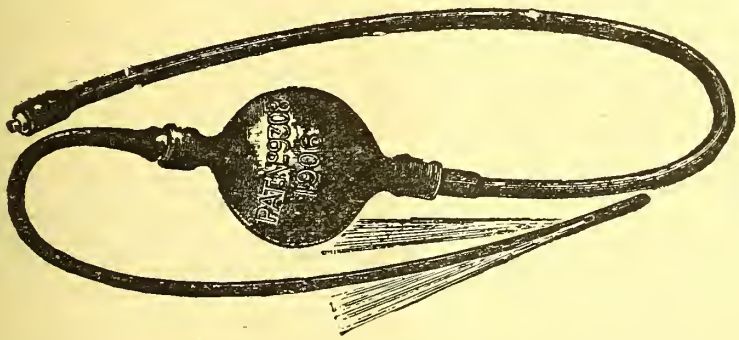
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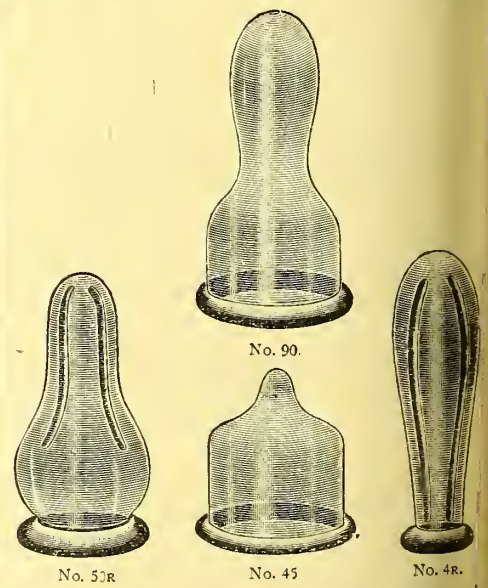
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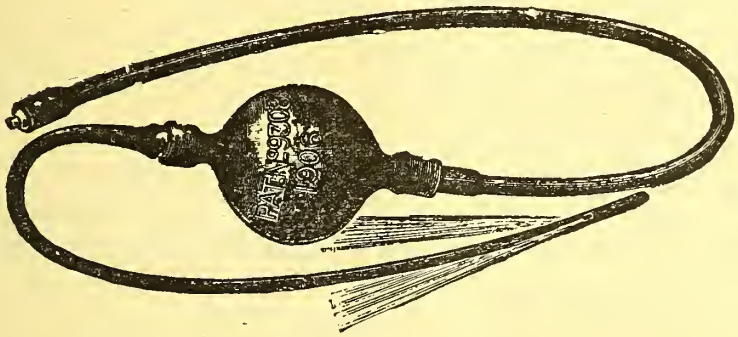
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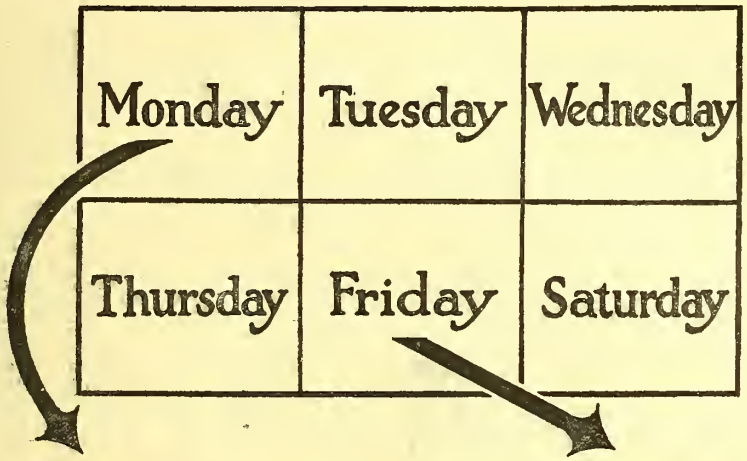
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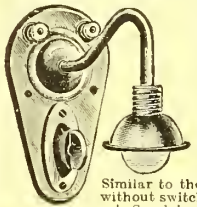


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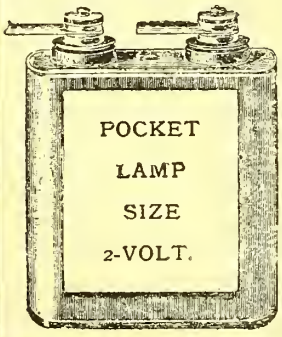
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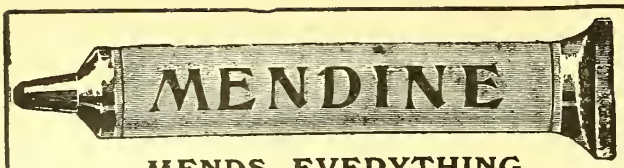
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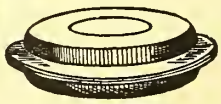
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HORSE, CATTLE, SHEEP & DOG MEDICINES.

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LARGEST SALE IN THE WORLD.



DAY'S BLACK DRINK

Cures Colic or Gripes in Horses or Cattle, Scour and Weakness in all Young Stock, Blown Cattle and Sheep, Debility, Chills and Low Condition in all Stock.

Price 1/8 per bottle

DAY'S HUSKOLEIN

Almost infallible for Tape Worms in Lambs and other Animals; for Husk or Hoose in Calves, Lambs, &c. A speciality for Worms in Horses and Colts.

6/6 per bottle

DAY'S ZOMO-SAL.

For Blood Disorders, Humours, General Weakness, Surfeits, Indigestion, Sterility, &c., in Horses and Beasts. Promotes Growth of Bone. Makes animals "fit" for Show or Sale.

In Canisters at 7/6, 20/-, and 40/-

DAY'S RED DRINK

OR COW DRENCH.

For Costiveness, Loss of Cud, Indigestion, Garget, Colds, Fever, Hidebound, &c., in Cattle. Prepares Cows for Calving, Prevents Milk Fever, and cures Bad Cleansing.

12/- per doz. packets.
The Ewe Drench for Ewes, 3/6 per doz.

DAY'S OILS

(THE PURIFIED DRIFFIELD OILS)

Heal all Wounds in Horses, Cattle, and Sheep, Sore Teats and Swollen Udders in Cows and Ewes. For Anointing in difficult Lambing or Calving.

2/6 and 6/- per bottle.

DAY'S WHITE OILS.

A Safe Embrocation for Sprains, Swellings, Windgalls, Sprung Sinews, Rheumatism, Sore Throat, Weak Joints, &c.

2/6 and 6/- per bottle.



DAY & SONS' "ORIGINAL" MEDICINE CHESTS

Price £1 4s., £2 4s., and £5. Carriage Paid.

Arranged for Horses, Cattle and Sheep; Horses only; or to suit any class of stock.

WHEN ORDERING PLEASE STATE REQUIREMENTS.

The Chest illustrated is similar to that at £5 and £2 4s.

GREAT SPECIALITIES.

N.B.—The above prices are now advanced. Preparations 15 %; Medicine Chests to £1 8s., £2 12s. and £5 respectively.

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(Regd.)

KILLS, DRIES, MUMMIFIES

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LEAVES NO TRACE OF RATS, MICE & BEETLES

Our display terms show over **100%** profit to the retail chemist

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Retail Prices
2/- Per Single Tube
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LEAVE YOU A **PROFIT of 75% and 50%** RESPECTIVELY.

LIQUID VIRUS for large applications at 6/- per quart bottle, making about 5 lb. of bait.

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IT makes a clean sweep
HARLEY'S
"RODINE" REGD



RAT POISON
Fascinating & Fatal.

THE RIGHT WEAPON FOR THE RAT WAR
AND
THE CHEMIST'S AID FOR RAT WEEKS

See your customers get 'Rodine' for the next Campaign. Get your supplies now. 'Rodine' is price-protected, and yields nearly 100% profit. Steadily advertised.

HARLEY, MANUFACTURING CHEMIST, PERTH, Scotland.

By Royal Warrant of Appointment to H.M. The King.

By Royal Warrant of Appointment to H.M. The King.

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HORSE, CATTLE, SHEEP & DOG MEDICINES.

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DAY'S BLACK DRINK

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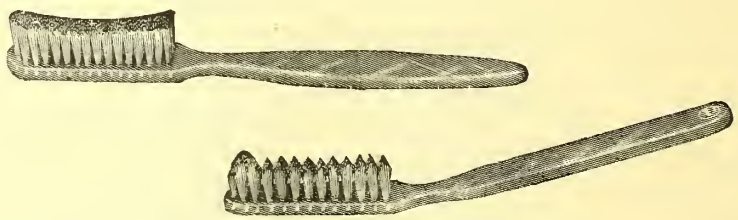
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TOOTH BRUSHES

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AND GOOD IF YOU BUY THEM FROM

MAY, ROBERTS.

Transparent Handles, clear or amber, assorted patterns, straight cut, in-curved cut, and prophylactic.

No. B 581, 6/6 per Dozen

5% DISCOUNT.

PACKED IN CARDBOARD BOXES CONTAINING 3 DOZEN BRUSHES.

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MAY, ROBERTS & CO., Ltd., 7-13 Clerkenwell Rd., LONDON, E.C. 1

AND AT 16 WESTMORELAND STREET, DUBLIN.

THE CHEMIST AND DRUGGIST SUPPLEMENT

42 CANNON ST. LONDON, E.C.4.

NOVEMBER 29, 1919

This Supplement is inserted in every copy of The Chemist & Druggist

THE SUPPLY OF SUPPLEMENTS.

The clerical work in connection with the posting of spare copies of the Coloured Supplement week by week has increased to such an extent that we have been compelled to reorganise our system of distribution. Our readers will please note therefore that, in future, instructions can be accepted for not more than six successive issues of the Supplement at a time, and that in every case

ADDRESSED WRAPPERS STAMPED ONE PENNY

must be sent. Loose stamps will not be accepted.

ARLIER CLOSING FOR PRESS.

Will advertisers please note that until further notice it will be necessary that Advertisements

ided for the Supplement must h us not later than the **FIRST POST THURSDAY MORNING.**

CHEMISTS' TRANSFERS.

essrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

Telephone No.: City 2283.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

ONDON, N.W.—Medium-class Retail and Dispensing Busi- stablished 50 years; returns average over £50 per week, *et profit about* 25%; rent £80; good house; lease; price agreed.

ONDON, W.—General Retail Business, with N.H.I. Dis- ; returns last year £1,650; *net profit* 28%; double-fronted corner position; convenient house; held on lease at a te rental; terms, valuation of stock and fixtures.

INSBURY PARK (near).—Ready-money Business; returns n £2,500 and £3,000 per annum; gross profit 50%; small g expenses; rent £60 on lease, or freehold may be pur- ; terms, valuation and sum for goodwill to be agreed.

ONDON, S.W.—Good-class Business, chiefly Dispensing, at ices; well-appointed Pharmacy; position unique; *net profit* ; price to be agreed equitably.

ILLESDEN.—Ready-money Business; returns, present £30 per week; gross profit about one-third; rent £50; no pposition; price to be arranged.

ONDON, S.W.—Family Retail and Dispensing Business; hands 11 years; gross receipts average between £900 1,000; *net profit* £350; stock and fixtures estimated at price £850.

IGHBURY (near).—Ready-money Business, situate in busy oad; returns between £1,000 and £1,100; gross profit ouse has 8 rooms; rent £50; price £800.

8.—EASTERN COUNTY.—General Country Retail Business; returns last year over £2,800 at fair prices; convenient residence; new lease will be granted; price £1,500.

9.—KENT.—Unopposed Business, capitally situate in midst of fruit-growing district; returns average about £1,200; *net profit* 25%; good residence; rent £40; price to be arranged.

10.—MIDLANDS.—Old-established Business, Retail and Wholesale, in Packed Goods; gross receipts exceed £8,000, and during the past three years the gross profit has averaged £2,031 per annum; the premises are held on long lease at a rental of £60; price about £3,000; a banker's reference will facilitate business.

11.—NORTH STAFFS.—Ready-money Retail Business; established many years; returns approach £2,500; full investigation invited; lease will be granted at moderate rental; vendor will consider a reasonable offer.

12.—WESTERN COUNTY.—Ready-money Business; entirely unopposed; returns £40 per week; corner shop; comfortable residence and nice garden; side entrance; rent moderate; price £850.

13.—WEST OF ENGLAND.—High-class Dispensing and Retail Business; returns between £4,000 and £4,500 per annum; gross profit 45%; well-fitted shop; further particulars will be furnished on receipt of a banker's reference.

14.—SUSSEX.—Good-class Country Retail Business; returns between £900 and £1,000 per annum, increasing; *net profit* 40%; good residence; small garden; rent £50; held on lease; price £750.

VALUATIONS FOR STOCKTAKING.

s. O. & Co., desire to emphasise the necessity of a Periodical Statement of Account, by which means alone Profit, the of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted and eventually becomes the cause of confusion and loss.

srs. O. & Co. are prepared to undertake these essential duties, and will make Special Terms for such services,

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35 Jewry Street, Fenchurch Street, E.C. 3.

Telephone· 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—SOUTH-EAST COAST.—High-class Retail and Dispensing, with Photographic, in very best position of rising health resort; returns approach £1,900, increasing; *net profit* £600 *clear*; splendid house and Pharmacy; long lease; all in perfect order and fully stocked; lowest cash price for quick sale £1,350; personally recommended; only requires seeing.

2.—SUSSEX COAST.—Well-established Retail and Dispensing Business, returning £2,000; no Panel or Photo; good position; well fitted and heavily stocked; sole cause of sale, leaving the Retail; price £1,200.

3.—WEST MIDDLESEX (15 miles out).—Sound middle-class Cash Retail; selling solely through family reasons; returns £1,650, increasing; very convenient house; low rent; corner, double-fronted shop, fully stocked; price £1,050, or bare valuation of stock and fixtures; worth attention.

4.—LONDON (WESTERN SUBURB).—Exceptional offer of Managership, with ultimate purchase, of a high-class Retail and Dispensing Business, returning £2,000 to £2,500, and scope for increase; splendid Pharmacy, in the very best position; applicants must have had good-class experience and be able to invest £1,000; personal application will facilitate matters.

5.—KING'S CROSS (Near).—Profitable Cash Retail, entirely under manager; returns £30 a week; *net profit* £500; busy marketing centre; scope for increase; price £1,050.

INTENDING VENDORS

We are in immediate want of sound businesses in all parts of England, especially London, South Coast, S.W. and Western Counties, Midlands and Home Counties, at prices ranging from £300 to £3,000.

TENDERS.

G. R.

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BY DIRECTION OF THE DISPOSAL BOARD
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FOR SALE BY PUBLIC TENDER.
OXYGEN GENERATING PLANT, COMPLETE,
Comprising:

100 OXY-HYDROGEN ELECTROLYTIC CELLS.
1 HYDROGEN GASOMETER, 1,000 cubic ft. capacity.
1 OXYGEN GASOMETER, 2,000 cubic ft. capacity.
2 TWO-STAGE OXY COMPRESSORS, 300 cubic ft. per hour to 110-lb. pressure.
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Also Electric Cable and Internal Pipework.
2 MOTOR GENERATORS, 400 v., 3-phase, 50 cycles, 90 H.P. generator, 120 v., 500 and 725 R.P.M.
2 SETS of CONTROL PANELS, including starting gear, etc.

It is stated that the Oxygen produced by this plant has a purity of 99%, against the usual commercial purity of 94%.

Above lying at the National Shell Factory, Derby. Ref., G. 729, M.K. 16.672.

TENDERS CLOSING DECEMBER 31st.

Full particulars, together with tender forms and permits to view, can be obtained on application to the Controller, D.B.1.e., Charing Cross Embankment Buildings, London, W.C. 2.

NOTE.—For particulars of other Government Property for Sale see "SURPLUS," price 3*d.*, at all bookstalls, or by quarterly subscription of 2*s.* post free, payable in advance, to the Director of Publicity, Ministry of Munitions, Whitehall Place, London, S.W. 1.

PARTNERSHIPS.

PARTNERSHIP.—An excellent opportunity occurs for a smart and energetic man (qualified) to get an interest in one of the best Retail businesses in the country; capital must not be less than £2,000. Apply, in first instance, to William Brinson, Frankholm, Egerton Park, Rook Ferry, Cheshire.

PHARMACIST, foreign, colonial, and home experience, desires opening other than Retail; could invest £1,000 if necessary. "Litmus" (189/260), Office of this Paper.

SALES BY AUCTION.

DESIRABLE CHEMIST AND DRUGGIST BUSINESS HERITABLE PROPERTIES FOR SALE AT ABERDEENSHIRE.

To be sold by Public Roup within the Palace Hotel, Pet on THURSDAY, the 18th day of December, 1919, at 12 noon, the Heritable Subjects in Market Place, Maud, cor of a large and commodious DWELLING-HOUSE, SHOPS, OFFICES, STABLE, COACH-HOUSE, and per together with the Goodwill of the Business carried on by t Alexander Milne, as a Chemist and Druggist at Maud.

The subjects are substantial, comparatively new, and co one of the best situations in the rising village of Mau present rental, per valuation roll, which could be easily inc is £72, and the Feu Duty £12.

The Chemist Business was established by the late Mr. Al Milne, and the Goodwill of the Business is valuable.

The Properties are admirably situated for business p The Dwelling-house and Chemist Shop were occupied by t Mr. Milne, where he carried on a large and increasing b and the other two Shops are let to a Watchmaker and Sho The Offices were recently occupied by the Commercial Scotland, Limited, and are now let to the Deer District Cor

The purchaser will be required to take over the Stock-i at mutual valuation.

Full particulars may be had on application to Craighead, Esquire, Bank Agent, Maud, or the Subscrib will exhibit the Title Deed and Articles of Roup, and an In of the Stock.

C. GORDON MASSON,
Solicitor, Pete

Peterhead, 21st November, 1919.

HAYWARD'S STORES, LEICESTER SQUARE, WAL

Attractive Sale of Chemist's Stock and Fancy Goods of to the Trade, and to Private Buyers seeking useful and ac Christmas Gifts.

Instructed by Mr H. D. Hayward (who is declining th trade).

MR. A. C. FRASER WOOD, F.A.I., will realise by Au MONDAY, DECEMBER 1st, 1919, the large an CHEMIST'S STOCK, Quantities of English and French Pe Toilet Soaps, Hair, Tooth, Clothes and Shaving Brushes comb and Rubber Sponges, Face Powders and Cream Powders, Safety Razors, Vacuum Flasks, Ladies' H Puffs and Puff-boxes, Proprietary Articles, Patent M Surgical Instruments, Body-belts, Trusses, Sleeping Soc Powders and Pastes, Shaving Soaps, Rubber and Stone I Bottles, Drugs, Scales, Weighing Machine, Combs, Bottles, Cut-Glass Articles, large varieties of E.P.N.F including Shaving and Toilet Mirrors, Manicure Sets, numerous other articles eminently suitable for Christm and Gifts.

Sale to commence at 11 o'clock precisely. No Catalog Auctioneer's Offices, 28 Bridge Street, Walsall. Teleph

FOR SALE.

4s. 6d. for 50 words or less; 6d. for every additional 10 words or less.

OFFERS.—Showcase (for hanging outside), 31" × 37 glass front, no shelves; 24 × 5 gr. Pill Machi used); 10 doz. 12-oz. Disp. Flats (good quality); 1 Maticæ; 3 lb. Fol. Uvæ Ursi.; 6 lb. Cort. Quercus; 10 Catechu.; 4 lb. Inf. Uvæ Ursi Conc.; 4 oz. each Ol. Tincturæ Cimicifug., Maticæ, Conii, Veratriæ, Gallæ, C Calumbæ; 8 oz. each Tinct. Valer. Ammon., Ergotæ 1 lb. Tinct. Opii. Ammon.; 1 oz. Thigenol (Roche); 1 × Tab. Thiocol. (Roche), u.s.; 2 lb. Bals. Copaibæ. Appl Office of this Paper.

ONE lever Tube-filling Machine for Sale; two-gallon never been used; £6 15*s.* 82/24, Office of this

THE Fittings and Stock of a first-class Pharmacy Wall Cases, Counters and Cases, Dispensing Scr Rounds, Jars, Shelvings, Window Fittings, Carboys, Sp and Chairs; all Drugs by the best London house; stoc sold separately from fixtures if desired. Apply 208/6 this Paper.

WHAT offers, all or separate?—5½ oz. Sodium Tabs.; 6 oz. Acidum Salicylicum Tabs.; 1 lb. 2 Subnit. Tabs.; 3 oz. Camphor and Opium Tabs.; 1 Permaug. Tabs.; 6 oz. Phenol Salicyl. Tabs.; 5 oz. Tabs.; 9½ oz. Quinine Sulph. Tabs.; 4 oz. Sod. Bica 24 Tubes Morphinæ Sulph. Tabs.; 6 Tubes Strychni Tabs.; 2 oz. Hydrarg. Iod. Flav. Tabs.; 8 oz. Sod. C hydratus Pulv.; 6 oz. Sodium Bromide Merck. Pulv.; Aceto-Salicylic. Pulv; 3½ Gross 2*d.* Tins Cheseborough 207/1 Office of this Paper.

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6d. for 50 words or less ; 6d. for every additional 10 words or less, prepaid.

E OF WIGHT.—Old-established Business, in small seaside town; turnover last year £1,200; £100 increase last three hs; capable of greater increase; no opposition; £900 ,or nable offer, including freehold premises. 207/35, Office his Paper.

DLANDS.—Old-established Wholesale Manufacturing and Chemist Sundries Business for Sale; present owner retiring; al about £2,000; no agents. Reply 186/21, Office of this r.

EMIST'S Shop, Wandsworth, main road, to sell freehold, or let on lease; good living accommodation, good repair. letely fitted with all requisite good-class fixtures and fittings, led bottles, jars, drawers, coloured carboys, etc.; ready for diate business; closed on account war. Apply Bartlett, 26 Lane, E.C.

R Sale, seven years' Lease of Shop, Stores and Dwelling-house; good position; stock and fixtures at valuation, about); early possession. Apply C. Johnson & Son, Estate Agents, hester.

BUSINESSES WANTED.

TH COAST (or near).—Business wanted, with residence; country town or large village preferred, but not essential d garden attached; net profit from £500-£600 per annum. n, M.P.S., Gold Hill, Chalfont St. Peter, Bucks.

TH OF SCOTLAND.—Advertiser wishes to purchase a Business in country town in South of Scotland; either immey or in the near future. "Borderer" (206/40), Office of Paper.

VERTISER requires good Business, suitable for unregistered; working- or middle-class district; neglected considered ope for increase; with or without living accommodation; ready; could take over immediately; please give full parrs and lowest price in strict confidence. "Aspirin," 34 or Road, Fallowfield, Manchester.

VERTISER requires Retail Business, capable of development on Store lines; Lancashire or Yorkshire; cash £500, nder by arrangement. Replies in strict confidence to A. R." (193/28), Office of this Paper.

VERTISER requires sound, good-class Business, capable of development; must be situate in busy thoroughfare of a own; cash available, £1,500. Reply, in confidence, 208/19, of this Paper.

SINESS wanted; cash available £1,000. "Litmus" (189/26), Office of this Paper.

SINESS wanted; Scotland preferred, but not essential; good house available; advertiser at preseut resident in England; articulars in confidence; money ready. 208/2, Office of this .

SIRED to purchase sound Retail Business; South Wales or West of England; neglected business considered if good Particulars in confidence to 205/280, Office of this Paper.

NUINE middle-class Business in good position, showing returns of £4,000 or more; Midlands preferred, but not ial. Open to investigation by "Confidential" (205/29), of this Paper.

ARMACIST is prepared to purchase good brisk Business in Western Counties or Wales preferred (with house attached); er from about £1,300 upwards, with scope for increase; s treated in strict confidence. "Pharmacist," 19 North-land Place, Bath.

QUIRED, by two experienced Pharmacists, good-class Chemist's Business; plenty of scope for increase and intro-n of Optics; any part of country; strict investigation; cash hle £1,000; fullest particulars and cash price in first Replies in confidence to "Spectrum" (205/20), Office of aper.

LL Business required; Leicester or London district preferred; price about £800. Apply P. C. B. 11/400, Office or aper.

ND Business required, Retail, Dispensing, and Photography; urnover about £2,000 or more; lock-up shop, or with house ed; town or country; advertiser would entertain partner-or would undertake management with a view to early sion; cash available. Particulars in confidence to ified" (205/10), Office of this Paper.

ND Cash Business wanted; country town preferred; cash vailable £500; would entertain more expensive business if ould remain; please state full particulars which will be l confidentially; good references. Apply 205/2, Office of aper.

WANTED, neglected Drug Store or Chemist's Business in London or the South; please state whether working-class district, if house attached, and general particulars, also lowest price for quick sale. Apply "Cantos" (205/26), Office of this Paper.

WANTED, a small Business in the country by an elderly Chemist. Full particulars to C. E. Davies, M.P.S., Brunswick House, Westbourne, Emsworth.

WANTED, a sound Chemist's Business, preferably in Scotland; good turnover in general Counter trade, with good net profit; capital up to £1,000, now available; also bankers' reference. Reply, with full particulars, to Mr. Brown, c/o Johnston, 57 Rosemount Place, Aberdeen.

WANTED, sound progressive Business; North or North Midlands preferred; turnover up to £3,000 a year; cash available. Give full particulars, not omitting conditions of tenancy and position in district, to "Pharmacist" (206/38), Office of this Paper.

SITUATIONS OPEN.

4s. 6d. for 50 words or less ; 6d. for every additional 10 words or less, prepaid.

RETAIL.

BIRMINGHAM.—Junior or Improver, gentleman or lady, for stock and N.H.I.; easy hours; no Sunday work; good prospects; permanent. F. H. Johnson, 112 Lozells Road.

CARDIFF.—Wanted, a young qualified Assistant (about December 31, 1919); one accustomed to good-class Counter and Dispensing business. State salary, experience, and enclose photo to Morgan, Chemist, High Street, Cardiff.

CITY.—Wanted (at once), Assistant for Dispensing and Counter; outdoors. Apply, stating salary required, etc., to "Dega" (11/18), Office of this Paper.

CROYDON District.—Qualified man required for good working-class Business; permanency; salary must be moderate; interview preferred. Full particulars to "Phenazone" (206/37), Office of this Paper.

DERBYSHIRE.—Qualified Assistant required for middle-class Retail business with N.H.I.; hours moderate; no Sunday or holiday duty. Apply 205/8, Office of this Paper.

KENT.—Qualified, single gentleman, as Manager; small Village Pharmacy, near Maidstone; no Sunday or holiday duty; moderate salary and comfortable home. Apply, with full particulars, 205/36, Office of this Paper.

KING'S COLLEGE HOSPITAL.—Wanted, qualified Laboratory Assistant and Storekeeper; under 35 years. Apply to E. B. Fairweather, Pharmacist, King's College Hospital, Denmark Hill, S.E. 5.

LIVERPOOL CENTRAL AREA.—Wanted, a reliable Assistant for good Dispensing and Light Retail; no N.H.I.; hours 9 to 7, usual half-day off, no Sunday duty. State age, salary required, etc., to 204/4, Office of this Paper.

LONDON HOSPITAL, WHITECHAPEL ROAD, E. 1.—Dispenser wanted; Minor qualification essential; hours 9 to 5, with occasional late duty; salary first year £180, second year £200, third year £220, fourth year £240. Apply to the Pharmaceutist.

LONDON, N.—Junior Assistant (outdoors), unqualified, for Counter and Dispensing; good experience can be gained; to commence duties just after Christmas (no Sunday duty). Apply, stating age, height, experience, and salary required, to Dow Bros., 433 Green Lanes, Harringay, N. 4.

LONDON, S.E.—Smart Assistant; not over 45; qualified or not, so long as he thoroughly understands the Retail business and N.H.I. Dispensing; hours 9-8, Thursdays 1; occasional Sunday morning duty; character must bear strict investigation; state age, salary required, and how occupied during last 7 years. "Chemist," 19 Kennington Terrace, S.E. 11.

LONDON, S.W.—Good all-round Assistant wanted for Retail and Dispensing business; accurate and experienced Dispenser essential. Apply, with full particulars, to Lloyd, 267 King's Road, Chelsea.

NORFOLK.—Required, live Manager, qualified, to take charge of busy branch; experienced Prescriber and Dispenser essential; Optics and Photography useful; state age, experience, salary required, when disengaged, and references, also if house required; good post for an energetic man. Apply 205/25, Office of this Paper.

STREATHAM, S.W.—Lady Assistant, experienced in Dispensing and Counter; good-class business; short hours; if by letter please give full particulars, age, salary required, and enclose photo (to be returned), or apply personally, 284 High Road, Streatham, S.W.

THE GENERAL HOSPITAL, BIRMINGHAM.

The Committee invite applications from Pharmacists (men) with Hospital experience, for the post of First Assistant Dispenser. Salary according to experience. Applications, with testimonials, should be sent to the undersigned by November 30th.

A. H. LEANEY,
House Governor.

November 18th, 1919.

UNIVERSITY COLLEGE HOSPITAL, Gower Street, W.C. 1.—Wanted, Senior Assistant, with Pharmaceutical Society's qualification; hours 9 to 5, Saturdays 9 to 1, with extra duty every third week, comprising Wednesday till 9, Saturday till 2. Sunday 12 to 1; duties mainly preparation of Galenicals, Tablets, etc.; salary £200 per annum. Apply to C. H. Hampshire, Pharmacist.

YORKSHIRE, West Riding.—Unqualified Assistant required; must be good Counterman and Dispenser; single preferred. State age, salary required, and when at liberty, 207/25, Office of this Paper.

ASSISTANT, immediately, evening work; no Sundays; good Salesman; state salary. Reply "N. London" (208/28), Office of this Paper.

DRUG Store Manager for London, E.; unregistered; outdoors; no schedules kept; fixed salary and share of profits; no Sunday duty; no Dispensing; comfortable progressive berth for good Salesman looking for a permanency. State in first letter age, experience, and salary expected, to 205/27, Office of this Paper.

EVENINGS.—Competent Assistant wanted for Counter and Dispensing, from about 6-8 p.m., Saturdays 9, for business at 1 Lavender Hill, S.W. Apply, stating terms, to Mr. Evans, 72 North Side, Clapham Common, S.W. 4.

JUNIOR Assistant; unqualified; accustomed to good-class quick Retail and Dispensing business; outdoors; easy hours; no Sunday duty. Apply, with full particulars, enclosing photo, and stating salary expected, Gibson Dixon, Chemist, Halifax.

JUNIOR Assistant, chiefly for Dispensing; experienced and accurate Dispenser essential; high-class branch shop, healthy neighbourhood, near Epping Forest. Usual particulars to Matthews & Son, 722 High Road, Leytonstone, E. 11.

JUNIOR; unqualified; accustomed to quick Counter work; capable Dispenser; outdoors; easy hours. Apply, with full particulars, reference, and salary required, to R. J. Butcher, Parkgate, Rotherham.

JUNIOR or Improver wanted (outdoors); London, S.W.; one used to a busy Cash business; to assist at the Counter, Window-dressing, Dispensing, and Stock; an opportunity to gain good all-round experience for smart youth. Apply to Manager, 781 Fulham Road, London, S.W. 6, giving references and salary required.

JUNIOR Assistant required, male (indoors), for good-class Retail and Dispensing business. Please state age and salary required, also particulars of experience, and send photograph, to J. W. Stainer, Pharmaceutical Chemist, Sandgate Road, Folkestone.

MANAGER (qualified) for branch, London, immediate. State full particulars as to experience, etc., and salary required, to "E. C." (205/12), Office of this Paper.

PHARMACIST, about 30, wanted, to work in to the management of a high-class Retail Dispensing and Photographic Business in the provinces; must be a good Salesman and man of business, able to control others, and well experienced in good-class Pharmacy. Apply, with full particulars of experience, age, married or single, and salary required, to "Prospects" (106/61), Office of this Paper.

QUALIFIED Manager wanted for good-class Dispensing business in Midland county town, to live in for short period; good appearance, address, and thorough knowledge of the trade essential. State salary required and references to 203/18, Office of this Paper.

QUALIFIED Assistant wanted; abstainer preferred; hours 9.30 to 7 p.m.; half-day Wednesday; N.H.I. Dispensing and Counter work; salary £4; outdoors; with future interest. Wright & Son, Burton-on-Trent.

REQUIRED, an experienced, gentlemanly Assistant as Dispenser; must be accustomed to a high-class business; hours 8.30 to 6, every third night duty till 9.30; outdoors. D. L. Lewis, Chemist, Ealing, W. 5.

SURGICAL INSTRUMENT BUSINESS.—Assistant for Counter in front shop. Write, stating duties accustomed to, age, and wages expected, Box "E. 54." Lee & Nightingale, Advertisement Offices, Liverpool.

WANTED, qualified Assistant for evenings, 6 to 9 p.m. Burden & Co., 41 Store Street, Bedford Square, W.C. 1.

WANTED, fully qualified Chemist, to manage branch shop in working-class district. Apply, stating age, experience, salary, and references, not later than Tuesday, to 103/73, Office of this Paper.

YOUNG Lady Assistant required; outdoors. Apply, stating full particulars, to Gwillim, Chemist, Brecon.

WHOLESALE.

MANCHESTER Wholesalers require experienced man for assembling composite orders, sundries, patents, etc., and supervising despatch; opportunity for one wishing to strike out or train for Representative. Write, in confidence, stating actual experience and salary required, to 103/71, Office of this Paper.

AUTOMOLINE Cream Wash; no water, no soap, no tow beats every cleanser on the market (its uses); for motori engineers, mechanics, domestics, housewives, etc.; retail 1s. wholesale 12s. per doz.; wanted, Travellers, on commission o Apply Morelle's Toilet Preparations, 203 Strand, London, W.

DRUGS AND CHEMICALS.—Large firm of Manufactu Chemists want a keen, energetic man, age 25-35, Assistant Buyer; a large measure of independent working w be required, so that wide experience is essential. Applicati which will be treated in strictest confidence, to state age, particulars of experience, and salary required, and to addressed to 105/14, Office of this Paper.

EXPERIENCED Forewoman required to supervise staff of girls packing Pharmaceutical Specialities, etc.; well-known house not far from London. Full details to 101/23, Office of this Paper.

LABORATORY Manager required by Wholesale Druggists Northern Midlands; must be fully competent to take charge of Laboratory. State age, qualifications, experience, etc., to 105/68, Office of this Paper.

LABORATORY Assistant with first-class experience req by old-established firm of Manufacturing Chemists Essence Distillers, to assist in manufacturing and analysis, vise and control staff; position offers scope and permanency man of ability and initiative. Apply, stating age, salary requ and general experience in confidence, to L. 90/2, Office of Paper.

LADY, Minor, for country Pharmacy; Dispensing, Counter, and for putting up stock; must be very neat at l as well superinteud and teach other girls; easy honrs; reaso lodgings found or widow could be indoors. Apply 189/220, of this Paper.

LIVE Representatives wanted for high-class Toilet Prepara new, but well advertised. Those with established connec capable of pushing further good lines on commission only, apply 180/33, Office of this Paper.

REQUIRED, qualified Chemist by Manufacturing Che Company; must be up-to-date, with experience. "H (199/2), Office of this Paper.

SMART Representative, with good connection amongst Chemists in London suburbs, wanted, to carry a well- tised non-competitive, high-class proprietary as a side-li commission terms. Apply, giving full particulars in st confidence, to "Lal," c/o E. J. Reid & Co., 49-50 Watling S Londou, E.C. 4.

SOAPMAKER wanted, Foreman, with long experience in Process and Milling Toilet Soap manufacturing. State experience, and salary required, to Angelique, 2 Aspen Hammersmith, W. 6.

TRAVELLER wanted calling on Chemists and Stores in shire, Lancashire, North Staffs, and North Engla carry well advertised and selling proprietary showing profit; commission only; excellent prospects; state line carried, ground covered, terms wanted. Apply 201/27, Of this Paper.

TRAVELLER wanted by Perfumery Co. in London, with class connection amongst Chemists and Stores. App letter, X. Y. Z., 61 Chaucery Lane, W.C.

TRAVELLERS calling on Chemists, etc., South Coast, Country, Wales, North of England, Eastern Counties hear of well-advertised side-line in Toilet Preparations on commission basis only. 105/7, Office of this Paper.

WANTED, experienced Tablet Maker, with knowled Coating. Apply G. Steven & Co., Cornbrook Works, ton Road, Manchester.

WANTED, for small Packed Goods Department of Wh firm in southern county, young man who has had exp in good-class Retail business where own specialities were must be capable of taking charge of department, buying, books of costs, etc., and take real interest in sending out in best style; might suit partially disabled man. Apply, age, experience, nature of disablement, remuneration re references, 201/28, Office of this Paper.

WANTED, smart Salesmen with good connection Ch and Drug Stores, to handle well advertised Proprie side-line; commission terms, etc.; quick repeater, light s sale pulling show matter; Yorkshire, Lancashire, and districts; must be able to influence sales. State line carr full details to "V. X. L." (205/5), Office of this Paper.

WANTED, Travellers for Toilet Cream and Soaps; those calling upon Chemists with good connections pleas exact territory; £6 to £8 weekly being earned as a s Apply 189/22, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

DERATED MALAY STATES.—Qualified Assistant; unmarried; must have good experience in Retail; terms, three ' agreement; salary £400, £450, £500 sterling per annum; ge paid (second class) out and home; short hours; good te; the firm one of the largest in the East, and the position surrounding country most attractive. Apply Dakin Bros., 82 Middlesex Street, London, E. 1.

DIA.—Chemist, for Hill Station in India, in up-to-date European Dispensary; Minor qualification; single man; 5 years' ement; furnished quarters. Write, stating age, qualifica, experience, and salary required, to C. M., 844, care Deacons, enhall Street, E.C. 3.

DIA.—Assistant required; Minor qualification; three years' agreement; liberal pay; a capital opportunity of a pernney for suitable applicant; passage out and home paid. e Box 105/19, Office of this Paper.

R EAST.—A qualified Assistant, not over 30 years of age; must have had experience in first-class Retail and Disng business; salary £550, rising to £600 per annum, and ge paid out and home, on a four-years' agreement. Address st" (206/23), Office of this Paper.

REIGN TRAVELLER.—First-class man required by high-class Soap and Perfumery Manufacturers for India and sh Colonies; only applicants with thorough knowledge of the and with established connections in the above markets d be considered. Apply 86/36, Office of this Paper.

DEPARTMENT OF PUBLIC HEALTH.
EGYPT.

POST OF DISPENSER (NOW VACANT).

The above-named invite applicants for the post of Dispenser, Kasr el Aini Hospital (612 beds).

The person appointed, who must be a male, fully qualified, of good general education, and between the ages 23 to 30 years, will be required (a) to dispense and superintend the working of the Hospital Dispensary; (b) to lecture and give practical instruction in Pharmacy and Dispensing to the students of the Schools of Medicine and Pharmacy.

Salary £E.18, rising to £E.24 per month, together with the following additional emoluments:—

Increase of 20% on actual pay.

Allowance of £E.10 per month.

War Bonus £E.13 per month (present rate, but subject to modification or abolition).

The appointment is permanent and pensionable. £E.25 passage money to Egypt is granted.

For further particulars apply in the first instance to:—

The Director,
Egyptian Educational Mission,
28 Victoria Street,
Westminster, S.W. 1.

Enclosing references and copies of testimonials.

SITUATIONS WANTED.

for 12 words or less, 6d. for every additional 10 words or less, prepaid.

[HOME.]
RETAIL.

OSITION is required as Manager, Buyer, or Sales Manager y qualified Pharmacist with 27 years' exceptional business nce; capable controller and good organiser, with up-to-methods; London or Home Counties preferred; now at ; reasonable salary considered. "Chemist," 21 Carlingoad, Hampstead, N.W. 3.

LIABLE Assistant; 20 years' experience Dispensing, Photoraphic, Surgical, Institution; excellent references; 37; ified; married; could manage branch. Lasham, High Street, rd.

Junior in English Pharmacy, or situation suitable; unqualid; 40; slight build; abstainer; accustomed good-class ing, Retail (Ireland); 6 years' absence; Chemistry Course ld references; good offer. Moore, 1 Ava Avenue, Belfast.

AS Locum; disengaged; qualified. Apply P. C. B. 11/4, Office of this Paper.

AS Manager, Assistant; disengaged December 1st; seaside or country preferred; good London and provincial experience in all branches. Apply 206/17, Office of this Paper.

AS Manager; qualified; 41; permanency; Locum; disengaged December 15; experience includes own businesses, also opening and transfer of several others, up-to-date Photography. 207/40, Office of this Paper.

AS Manager, Senior; permanency, Locum; 34; fully capable and experienced; undeniable references; disengaged. Apply 207/28, Office of this Paper.

ASSISTANT, unqualified, 24, demobilised, too late for College Session, requires berth; Bristol or Bath preferred, with good-class Dispensing business; energetic; good appearance. C. R. Verrier, 93 Regent Street, Kingswood, Bristol.

ASSISTANT; unqualified; 25, tall; 10 years' experience quick Counter, Dispensing, Photography, Windows, etc.; state salary offered. "Buchu" (205/7), Office of this Paper.

ASSISTANT; unqualified; smart appearance, 6 ft.; City and West-End experience; disengaged; Locum or permanency. Apply P. C. B. 11/5, Office of this Paper.

ASSISTANT; unqualified; 29; highest references; London or district preferred. Apply 203/14, Office of this Paper.

ASSISTANT Junior requires berth in good-class Dispensing business; unqualified; studying for Minor Exam.; age 22; served three years' apprenticeship; experienced in Photography; interrupted by war service; just demobilised; state salary and hours. 2 Southern View, Henley Road, Caversham, Reading.

ASSISTANT (lady) seeks post; capable Saleswoman, Dispensing, Window-dressing; knowledge of Bookkeeping and Photography; six years' experience; good references. Apply "K.," 14 Trinity Lane, Louth, England.

ASSISTANT, 26, 5 ft. 7 in., unqualified, six years' good Dispensing, Counter, and Photographic experience, just demobilised, desires post until school session begins in October next; London district preferred. "A. E. P.," 124 Wells Road, Bristol.

ASSISTANT, unqualified, disengaged, 35, married, desires engagement as Assistant; exceptional experience in Prescribing, Veterinary work, and Photography; steady, active, and obliging; excellent references. Apply "M. B.," Hawthorn Villa, Ripley, Derbyshire

ASSISTANT; unqualified; 22; experienced; high-class Dispensing and Counter; disengaged. Full particulars to Jeffs, 42 Morel Street, Barry.

ASSISTANT; Senior; unqualified; temporary or permanent; West-End and provincial experience; tall; diplomatic Counterman; good references; disengaged. Chemist, 10 Church Street, Maidstone.

ASSISTANT or Manager; qualified; excellent references; London or suburbs; disengaged. S. S., 98 Greyhound Lane, Streatham Common, S.W. 16.

ASSISTANT, Senior; experienced; disengaged; reliable; unqualified; good Prescriber; Locum or permanent. Chemist, 12 Chequer Street, St. Albans.

ASSISTANT, Manager, or Locum; qualified; 35; married; abstainer; 12 years' London experience; well recommended; disengaged. "C. E. B.," c/o Thompson, 24 Buckleigh Road, Streatham, S.W.

ASSISTANT; 23; unqualified; London experience, Dispensing and Counter; well recommended; smart appearance; disengaged; state terms. Apply White, 40 Westbourne Road, Luton, Beds.

AT liberty November 30th. Manager, Assistant; exceptional London and provincial experience. "Chemist," 6 Eastbourne Terrace, Paddington, W.

BIRMINGHAM DISTRICT.—Assistant; demobilised; good Counterman and Dispenser; age 24; six years' experience; good references. Evans, Oakfield Road, Brettell Lane, Stourbridge, Worcs.

BIRMINGHAM or District.—Assistant, 25 (discharged soldier), with experience in Retail Druggists', desires post; would take suitable position in Wholesale. Address 206/27, Office of this Paper.

BIRMINGHAM.—Lady, no Dispensing, 10 years' Counter experience, desires situation; part-time preferred; references. 208/14, Office of this Paper.

BRANCH; registered; good references, etc. "D.," 193 Wellington Street, Bradford, Manchester.

BRANCH; registered; good references, etc. A. Eastdean, Stamford Road, Bowden, Cheshire.

BRANCH Manager; qnalified; married; good and long experience in Dispensing, Prescribing, and Photography; active, obliging, neat, and accurate; West or South-West preferred, bnt not essential; reasonable salary; disengaged Christmas, earlier if desired. "Chemist," 136 Linden Road, Bonrnville.

CHEMIST; qnalified; good Manager. Prescriber, Dispenser, N.H.I., Connterman; competent and reliable;; excellent references; Locnm, permanency preferred; Extractor. "Munro," 73 Clapham Road, Kennington Oval

CLERICAL work, any kind, evenings. Address "F. G." (186/36), Office of this Paper.

COMPETENT, qnalified lady Pharmacist desirons of post in good-class London Pharmacy; experienced in Dispensing, Counter, and Surgical Instruments; thoronghly recommended after four years' service by Fred Sarson, M.P.S., Pharmacist, Paignton. Apply "A. A.," c/o Central Pharmacy, Paignton.

COMPETENT all-ronnd man; Dispensing, Counter, good Prescriber and Window-dresser; Photography; well recommended; South Wales or West of England preferred. "Qualified," 6 Great Elms Road, Bromley, Kent.

DISENGAGED; 40; unqualified; temporary or permanent; all-round experience. "Unus" (208/26), Office of this Paper.

DISPENSER, lady (Hall), seven years' Retail and Photographic experience, good references, desires post early in February; London. "Nux" (191/18), Office of this Paper.

DISPENSER; 30; Counter or Stock; Wholesale or Retail; London or Snburbs; 10 years' experience. W. J. B., 68 Leonard Street, London, E.C. 2.

DISPENSER, Lady (Hall) desires post; Doctor or Hospital; well edncated; good references. 206/19, Office of this Paper.

DISPENSER-BOOKKEEPER.—Doctor's daughter, 34 (Hall) desires post in January with Doctor, Chemist, or Institntion; good experience; languages; typewriting; London preferred, but not essential; excellent references. "M. G.," 11 Bishop's Road, Highgate, N. 6.

DISPENSER-BOOKKEEPER (35) requires permanency; would do Locnm; 16 years' experience Dresser, Extractor, N.H.I. work; excellent testimonials; disengaged. Strutt, 2 London Road, Hailsham.

DISPENSING.—Lady, Hall, desires post; good experience; Institntion preferred. "A.," 10 Antrim Grove, Belsize Park, N.W.

EVENING duty; London, W.; unqualified; West-End experience. Apply 207/27, Office of this Paper.

EXPERIENCED Dispenser; lady (Hall); experienced Hospital, Surgery, and Institntion work; excellent testimonials; in or near London. 207/37, Office of this Paper.

IMPROVER; London; good-class Dispensing; 18; good references; moderate salary. "G. J.," 142 Glenroy Street, Roath Park, Cardiff.

JUNIOR, at liberty on the 12th January, 1920; age 20; excellent references; sober; good Salesman and Dispenser. Apply H. Dearden, c/o W. H. Grimshaw, Chemist, 69 Higher Eanam, Blackburn.

LADY Clerk or Dispenser-Bookkeeper; good education; experienced Doctor and office; knowledge French, little Portnguese, and typing; disengaged; England or abroad. Apply 201/37, Office of this Paper.

LADY Dispenser, Apothecaries' Hall qnalification; Lancashire preferred. Hodgkinson, 157 Church Street, Westhoughton, Lancs.

LADY, Hall qualification, Dispensing experience, anxious to qualify, desires post in Retail Pharmacy; London, S.E., or W. 13 Northampton Road, Croydon.

LOCUM.—Chemist having sold his bnsiness and not able to take over his new purchase nntil February, offers his services as Locum Manager; qnalified and experienced; references any well-known Wholesale house; London area preferred. S. Barker, 22 Norfolk Road, Brighton.

LOCUM (temporary Manager); 53; qnalified; country; disengaged until March; first-class experience and references; Photography, Optics; energetic. Dewey, 4 Montague Gardens, Wallington, Surrey.

LOCUM; wide experience; highest references; well recommended; now disengaged. "Beta," 74 West Hill, East Putney, London, S.W. 15.

LOCUM, elderly, disengaged; London and provincial experience. Pharmacist, 88 Trafalgar Road, Liscard.

LOCUM, otherwise;· reliable; disengaged; experienced Counter Dispensing. "D.," 82 Marlborough Road, Romford.

LOCUM (29), unqualified, liberty for December; good references; Midland or Yorkshire preferred. 208/7, Office of this Paper.

LOCUM or permanency; free December 1; Dispensing and Retail. C. S., 19 Rockmount Road, S.E. 19.

M.P.S., F.S.M.C., seven years as Manager; age 32; Photographic; to improve Optics if possible. Apply 203/13, Office of this Paper.

M.P.S., F.S.M.C., age 26, requires position; London or country experience in Pharmacy, Optics, Photography. Please state salary and hours, A. E. Thompson, Loak House, High Wycombe.

MANAGER, Assistant, nnregistered, Locum or otherwise; Extractor, Prescriber, N.H.I. qnalification; competent branches; excellent references. "Aspirin," 34 Cawdor Road, Fallowfield, Manchester.

MANAGER; qnalified; age 48; reliable. Apply P.C.B. Office of this Paper.

MANAGER or Assistant (nnqualified); good Counterman Window-dresser; London preferred. H. E. Fisher, Brockley Rise, Forest Hill, S.E. 23.

MANAGER, Assistant; good experience; married; disengaged age 38; state salary; nnqualified. "Salol," 12 Edge Road, Clapham.

MANAGER or Locum; exceptional experience; best references temperate; disengaged; London preferred. 207/2, Office this Paper.

MANAGER, 52, qnalified, married, wants comfortable manency; tall; active; good address and appearance; experience; healthy; best of reasons for changing. "Iridium (207/10), Office of this Paper.

MANAGER; qualified; elderly; active business habits; Connterman, Dispenser, Prescriber; excellent referen town or country. Apply 207/7, Office of this Paper.

MANAGER or Senior; qualified; 39; married; high-class perience; highest credentials. Apply 207/23, Office of Paper.

MANAGER; nnqualified; exceptionally capable; terms rate; London. "A." (206/35), Office of this Paper.

MANAGER or Senior; qualified; married; London or sub first-class experience. 208/18, Office of this Paper.

NEWCASTLE-ON-TYNE District.—Assistant, 26, exce general, Optical, and foreign experience, desires whole part-time post; excellent references. Carter, 244 Stanton St Newcastle-on-Tyne.

NEWCASTLE-ON-TYNE or District.—Lady (Minor); use managing bnsiness; tall; capable; experience, with P graphic knowledge; good testimonials. Apply 206/33, Offi this Paper.

NEW YEAR.—Manager; Senior; single; 30; qual thoronghly capable and experienced; excellent refere State salary to "S.," 221 High Street, Kensington, W. 8

PART-TIME or Locum; 46; town or country; diseng "Locnm," 9 Broadway, Barnes.

PART-TIME, evenings; nnqualified; late of Paris. "Cher 24 Leamington Road Villas, Westbonrne Park.

PART-TIME as arranged; male; Minor qualification. "Chemist" (207/18), Office of this Paper.

PART-TIME, Monday, Tuesday, Thursday; 9.30-1, 2-4; "Student," 8 York Road, Hitchin.

PHARMACIST (27) reqnires position as Manager or Assi previous experience as Branch Manager. Apply 20 Office of this Paper.

PHARMACIST, used to complete control of large bu including bnying, seeks similar position, or smaller ness where snccession could be arranged; present position years. Apply 203/16, Office of this Paper.

PHARMACIST desires Managership, position of trust, or work; excellent all-round London and provincial expe highest references; Photography; snccession entertained; gaged. P. C. B. 11/14, Office of this Paper.

PHARMACIST (30), with excellent experience, requ permanent post in a responsible position; at present in a high-class Pharmacy; at liberty when required. Spa "Wanda," Thames Street, Walton-on-Thames.

UALIFIED; single, 32; recently demobilised; own business before war; prefer West Country. "Aspirin," c/o Mrs. Runnalls, Verdun Terrace, Liskeard, Cornwall.

UALIFIED; 29; thoroughly reliable; sound experience; single; abstainer. Apply 205/13, Office of this Paper.

UALIFIED; 31; single; disengaged early January; management; preferably in the provinces; good reference. Y. Z.," 33 Replingham Road, Southfields, London, S.W.

UALIFIED, Manager or Senior; recently demobilised; good Prescriber; first-class references; 41, married. Liner, 59 thing Road, Lowestoft.

UALIFIED Manager or Locum, 25 years' experience, requires permanency; town or country; disengaged; married. State ry to "M. D.." 26 Fox Hill, S.E 19.

UALIFIED; middle-aged, active; accustomed to the usual Counter routine, Private and N.H.I. Dispensing; good rences. "Chemist," 428 King's Road, Chelsea, S.W.

UALIFIED; age 53, active; well recommended; accustomed to all classes of businesses, including brisk N.H.I. Dispensing. iemist," 74 Buckingham Road, N.

UALIFIED (38); 22 years' splendid experience Dispensing, Counter, Prescribing, Photography, Optical; plenty of tact initiative; tall; good appearance; energetic; recently demobi; disengaged; London or near preferred, but not essential; anency or Locum. "Reliable," 3E, Suttou Estate, Chilton et, Deptford, S.E. 8.

UALIFIED; 25; disengaged; Dispeusing or Counter. Seawell, Wilton Lodge, Craven Arms, Salop.

UALIFIED Manager or Assistant; 44; disengaged; experienced. C., 191 Croxted Road, Dulwich, S.E. 21.

UALIFIED, abstainer, disengaged, requires position as Manager; excellent reference; good experience; London or rbs. Apply 206/11, Office of this Paper.

UALIFIED Manager, 28, married, just demobilised, seeks opening, London area. Apply 205/20, Office of this Paper.

UALIFIED Manager or Locum, disengaged, requires permanency; over 20 years' sound experience Dispensing, Preing, Salesmanship, Photography, and Buyer; refereuces. y 207/34, Office of this Paper.

ALIFIED lady Dispeuser, fourteen years' experience, seeks position in London; Retail or Institution preferred. Court, ld, Derbyshire.

ALIFIED Chemist, single, age 25, free end of January, desires situation in London. Apply 208/25, Office of this

A.M.C. OFFICER, demobilised, qualified, experienced Dispenser, trained Nurse, etc., seeks posi- of trust and responsibility, anywhere; energetic; highest monials; over 21 years' continuous R.A.M.C.; aged 39; t 5 ft. 10 in. P. C. B. 11/17, Office of this Paper.

ROPSHIRE or Neighbouring Counties.—Qualified Assistant desires permanency; Counter or Dispeusing. Apply 207/6, of this Paper.

TH of Euglaud or France, age 38, unqualified, as Branch Manager or Assistaut; disengaged shortly; 18 years' exnce; up-to-date Counterman; Dispenser Regd. Army; fluent h; offers. Apply 203/17, Office of this Paper.

QUALIFIED Assistant; accustomed quick Retail and Dispensing. "Statim" (205/6), Office of this Paper.

QUALIFIED Assistant; single; Counter, Dispensing; please state salary. "Quereus" (198/35), Office of this Paper.

QUALIFIED, 25, desires situation; good Dispensing aud Counter experience; knowledge of Photography; Liverpool or port district preferred. Tomlinson, Lytham View, Marsh- Southport.

QUALIFIED Assistant; Counter and Dispensing; single. "Calcium" (207/39), Office of this Paper.

ANTED, post as Dispeuser, Doctor, Chemist, or Hospital, by young well-educated, intelligent lady (Apothecaries' Apply P. C. B. 10/39, Office of this Paper.

UNG lady Dispenser; Hall qualification; Hospital experience, "Statim," 62 Broomwood Road, Clapham Common, 11.

15s. WEEKLY (progressive) will secure immediately the services of a fully qualified and experienced Pharmacist, dependable references, for Wholesale or Retail position. ss "Eureka," 81 Grove Street, Liverpool.

WHOLESALE.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

A PROGRESSIVE Chemist desires post as Sales or Production Manager; wide experience at home and abroad; five years' control of output, staff, and plant with firm of repute; would consider Representation or Merchant's Office. Apply 28/42, Office of this Paper.

ASSISTANT, unqualified, young, good experience in Retail aud Dispeusing, etc., wishes to obtain berth in Wholesale house. Apply 205/21, Office of this Paper.

COMMERCIAL Traveller representiug first-class English Perfumery Soap house calling all leading Chemists and Stores throughout Ireland, open to take up suitable side-line. Apply P. C. B. 10/36, Office of this Paper.

COMMERCIAL Traveller, age 35, disengaged, sound connection Plymouth to Aberdeen, Perfumes, Essential Oils, Drugs, Chemicals, and Toilet Specialities, Retailers, Wholesalers, Manufacturers, and Exporters, highest credentials, immediate busiuess, is open to Represent first-class house of British Manufacturers; salary, expenses, and small commission. "T. U." (201/38), Office of this Paper.

COMPRESSED Tablets.—An expert Tablet-mixer, with large experience, desires situation where initiative, ability, and control is needed; thoroughly conversant with modern machinery and methods. Please write to 208/12, Office of this Paper.

EX-OFFICER requires position; thorough knowledge shipping, inwards and outwards, Custom House, conversant with every dock and wharf in London, port rates, charges, etc.; age 30; ten years' experience; good references; willing to travel. Apply P. C. B. 6/33. Office of this Paper.

ENTERPRISING house, having some counection (Chemists), is sought by Traveller, view Representation; large connection over wide area; expenses, salary, and commission; please state lines and full particulars. "Chester" (206/32), Office of this Paper.

EXPERIENCED Traveller; large provincial connection Doctors and Chemists; now disengaged. Apply 205/16, Office of this Paper.

LABORATORY Manager, qualified, seeks similar position; able to manufacture and standardise all Galenicals, Tablets, Essences, etc.; provincial and London experience; good references. Apply 206/13, Office of this Paper.

LABORATORY Chemist, qualified, exceptional references, seeks position with Wholesale firm; manufacture and staudardisation of B.P. Preparations, Tablets, Packed Specialities, Proprietaries. "Opus" (208/11), Office of this Paper.

LADY, Major, would like post Analytical Laboratory; experienced. Apply 206/34, Office of this Paper.

POST required, Laboratory Attendant; 4½ years' experience; good reference. Opperman, Owlsmoor, Camberley.

QUALIFIED, having disposed of business, desires to Represent a good firm; accept Agency or any position of trust; capable and reliable; well experienced; excellent opportunities; residcut in Manchester; state terms. Apply 208/13, Office of this Paper.

REPRESENTATIVE seeks good house; Drugs or Specialities; eight years' sound connection London and suburbs; or good commission. Reply "D." (P. C. B. 9/5), Office of this Paper.

REPRESENTATIVE desires position (1920). "Demobilised" (207/11), Office of this Paper.

SALESMAN, with ability, energy, and first-class connection amongst Chemists and Hairdressers in Eastern Counties, wishes to Represent good house; excellent references. Address 206/39, Office of this Paper.

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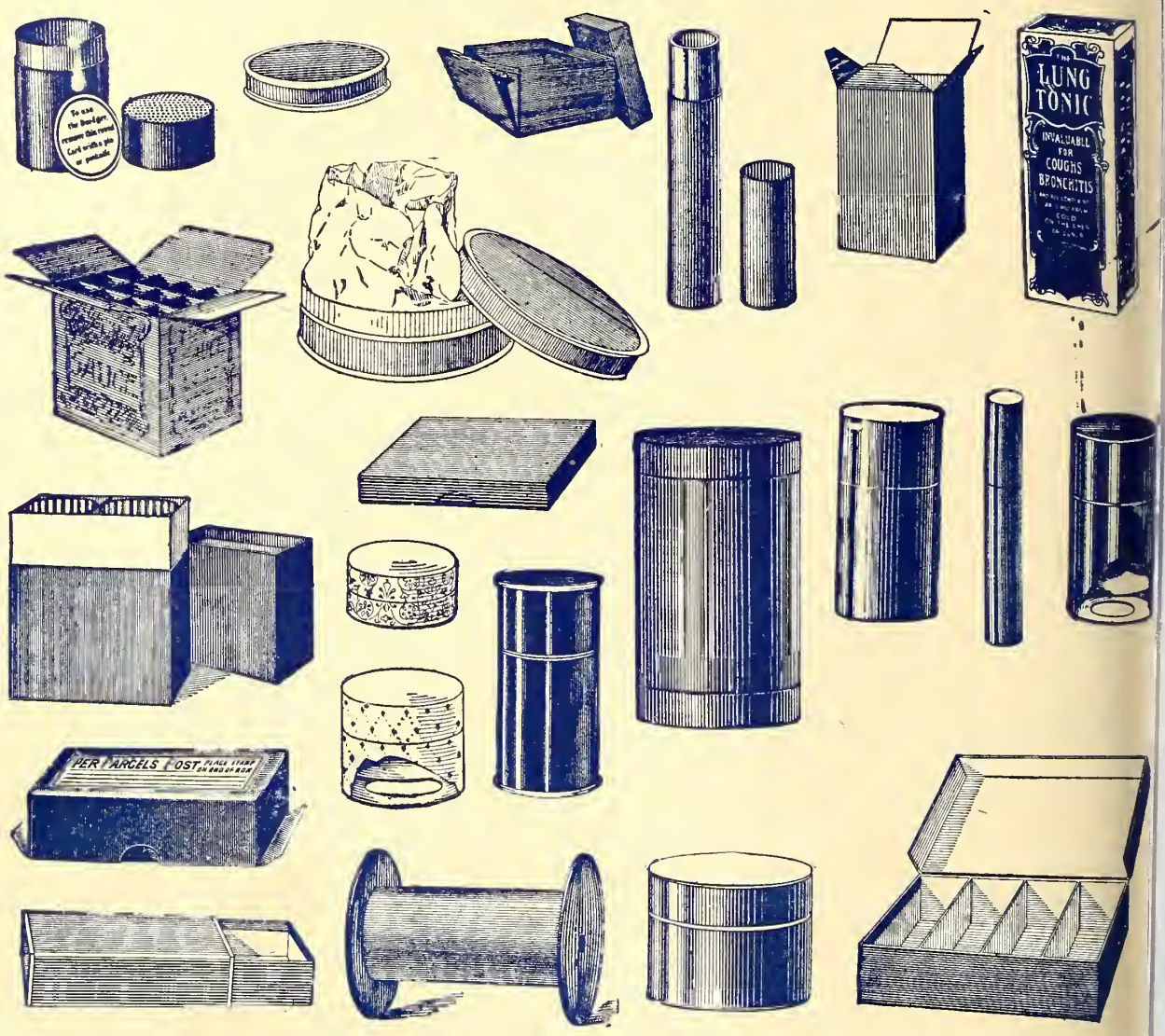
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